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Product Citations Booklet

Updated March 2024

Cat. No.	Product Name	Citations
10-101	Mouse IgG1 Isotype Control (Clone: MOPC31C)	<p>1. Nayak TK, Mamidi P, Kumar A, Singh LP, Sahoo SS, Chattopadhyay S, Chattopadhyay S. Regulation of Viral Replication, Apoptosis and Pro-Inflammatory Responses by 17-AAG during Chikungunya Virus Infection in Macrophages. <i>Viruses</i>. 2017 Jan 6;9(1). pii: E3. doi: 10.3390/v9010003. PubMed PMID: 28067803; PubMed Central PMCID: PMC5294972.</p> <p>2. Nayak TK, Mamidi P, Sahoo SS, Kumar PS, Mahish C, Chatterjee S, Subudhi BB, Chattopadhyay S, Chattopadhyay S. P38 and JNK Mitogen-Activated Protein Kinases Interact With Chikungunya Virus Non-structural Protein-2 and Regulate TNF Induction During Viral Infection in Macrophages. <i>Front Immunol</i>. 2019 Apr 12;10:786. doi: 10.3389/fimmu.2019.00786. eCollection 2019. PubMed PMID: 31031770; PubMed Central PMCID: PMC6473476.</p>
10-1019	Monoclonal Antibody to Caspase-8 (Clone: ABM14C1)	<p>Nidhi Varshney, Dharmendra Kashyap, Vaishali Saini, Siddharth Singh, Sachin Kumar, Manivannan Elangovan, Natércia F. Brás, Hem Chandra Jha. Unveiling the therapeutic potential of Ponatinib and Imatinib against Aurora Kinase A in gastric cancer cells. https://doi.org/10.21203/rs.3.rs-3195156/v1</p>
10-2005	Recombinant Anti-SARS-CoV-2 Spike RBD antibody (ABMX-002)	<p>1. Archana Thomas, William B Messer, Donna E Hansel, Daniel N Streblow, Steven C Kazmierczak, Zoe L Lyski, Zhengchun Lu, Mark K Slifka. Establishment of Monoclonal Antibody Standards for Quantitative Serological Diagnosis of SARS-CoV-2 in Low Incidence Settings. <i>Open Forum Infectious Diseases</i>, 2021;, ofab061, https://doi.org/10.1093/ofid/ofab061</p> <p>2. Sedigheh Fazli, William B. Messer, Marcel E. Contralateral second dose improves antibody responses to a two-dose mRNA vaccination regimen. <i>Curlin J Clin Invest</i>. 2024. https://doi.org/10.1172/JCI176411</p>
10-3003	Monoclonal Antibody to TLR9 (Clone: ABM1C51)	<p>Veleparambil M, Poddar D, Abdulkhalek S, Kessler PM, Yamashita M, Chattopadhyay S, Sen GC. Constitutively Bound EGFR-Mediated Tyrosine Phosphorylation of TLR9 Is Required for Its Ability To Signal. <i>J Immunol</i>. 2018 Apr 15;200(8):2809-2818. doi: 10.4049/jimmunol.1700691. Epub 2018 Mar 12. PubMed PMID:29531172; PubMed Central PMCID: PMC5893352.</p>
10-3010	Monoclonal Antibody to TLR4 / CD284 (Clone: ABM19C4)	<p>1. Parida R. Human MOSPD2: A bacterial Lmb mimicked auto-antigen is involved in immune infertility. <i>Journal of Translational Autoimmunity</i>. 2019 Apr;100002 (1). https://doi.org/10.1016/j.jtauto.2019.100002.(Immunofluorescence)</p>

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10-3026	Monoclonal Antibody to TLR2 (Clone: ABM3A87)	1. Parida R. Human MOSPD2: A bacterial Lmb mimicked auto-antigen is involved in immune infertility. Journal of Translational Autoimmunity. 2019 Apr;100002 (1). https://doi.org/10.1016/j.jtauto.2019.100002.(Immunofluorescence)
10-4134	Monoclonal Antibody to Human MHCII/HLA DQ (Clone: SPVL3)	Wahl I, Obratzsova AS, Puchan J, Hundsdorfer R, Chakravarty S, Sim BKL, Hoffman SL, Kreamsner PG, Mordmüller B, Wardemann H. Clonal evolution and TCR specificity of the human TFH cell response to Plasmodium falciparum CSP. Sci Immunol. 2022 Jun 10;7(72):eabm9644. doi: 10.1126/sciimmunol.abm9644. Epub 2022 Jun 10. PMID: 35687696
10-7568	Monoclonal Antibody to Napsin A (Clone: ABM4H60)	Ahmed ahmed Incidence of Pulmonary Carcinogenic Changes After One Hundred Weeks of Solitary α -quartz Exposure in Albino Wistar Rats (In vivo Study). Article 4, Volume 44, Issue 2, June 2021, Page 339-348 XMLPDF (909.88 K) Document Type: Original Article DOI: 10.21608/EJH.2020.30485.1291 https://ejh.journals.ekb.eg/article_96102.html
10-7589	Monoclonal antibody to LAMP1 (Clone: ABM5F15)	Panda PK, Naik PP, Meher BR, Das DN, Mukhopadhyay S, Praharaj PP, Maiti TK, Bhutia SK. PUMA dependent mitophagy by Abrus agglutinin contributes to apoptosis through ceramide generation. Biochim Biophys Acta Mol Cell Res. 2018 Mar;1865(3):480-495. doi: 10.1016/j.bbamcr.2017.12.002. Epub 2017 Dec 8. PubMed PMID: 2922947
10-10007	Coronavirus (COVID-19) Spike Antibody (Clone: ABM19C9)	1. Xingyue An, Melisa Martinez-Paniagua, Ali Rezvan, Mohsen Fathi, Shailbala Singh, Sujit Biswas, Melissa Pourpak, Cassian Yee, Xinli Liu, Navin Varadarajan. Single-dose intranasal vaccination elicits systemic and mucosal immunity against SARS-CoV-2. bioRxiv 2020.07.23.212357; doi: https://doi.org/10.1101/2020.07.23.212357 2. Szabolcs M, Sauter JL, Frosina D, Geronimo JA, Hernandez E, Selbs E, Rapkiewicz AV, Rekhtman N, Baine MK, Jäger E, Travis WD, Jungbluth AA. Identification of Immunohistochemical Reagents for In Situ Protein Expression Analysis of Coronavirus-associated Changes in Human Tissues. Appl Immunohistochem Mol Morphol. 2021 Jan;29(1):5-12. doi: 10.1097/PAI.0000000000000878. PMID: 33086222; PMCID: PMC7713639
10-10011	Monoclonal Antibody to GAPDH (Clone: ABM22C5)	1. Kakade PS, Budnar S, Kalraiya RD, Vaidya MM. Functional Implications of O-GlcNAcylation-dependent Phosphorylation at a Proximal Site on Keratin 18. J Biol Chem. 2016 Jun 3;291(23):12003-13. doi: 10.1074/jbc.M116.728717. Epub 2016 Apr 8. PubMed PMID: 27059955.

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10-10011	Monoclonal Antibody to GAPDH (Clone: ABM22C5)	<p>2. Rohit Shetty, Anupam Sharma, Natasha Pahuja, Priyanka Cheavour, Neeraja Padmajan, Kamesh Dhamodaran, Chaitra Jayadev, Rudy M. M. A. Nuijts, Arkasubhra Ghosh, Jeyabalan Nallathambi. Oxidative stress induces dysregulated autophagy in corneal epithelium of keratoconus patients. PLoS One. 2017; 12(9): e0184628. Published online 2017 Sep 13. doi: 10.1371/journal.pone.0184628 PMID: PMC5597215</p> <p>3. Ashraf R, Hamidullah, Hasanain M, Pandey P, Maheshwari M, Singh LR, Siddiqui MQ, Konwar R, Sashidhara KV, Sarkar J. Coumarin-chalcone hybrid instigates DNA damage by minor groove binding and stabilizes p53 through post translational modifications. Sci Rep. 2017 Mar 28;7:45287. doi: 10.1038/srep45287. PubMed PMID:28349922; PubMed Central PMCID: PMC5368660.</p> <p>4. Kumar S, Singh U, Goswami C, Singru PS. Transient receptor potential vanilloid 5 (TRPV5), a highly Ca(2+) -selective TRP channel in the rat brain: relevance to neuroendocrine regulation. J Neuroendocrinol. 2017 Apr;29(4). doi:10.1111/jne.12466. PubMed PMID: 28235149.</p> <p>5. Sahay P, Rao A, Padhy D, Sarangi S, Das G, Reddy MM, Modak R. Functional Activity of Matrix Metalloproteinases 2 and 9 in Tears of Patients With Glaucoma. Invest Ophthalmol Vis Sci. 2017 May 1;58(6):BIO106-BIO113. doi:10.1167/iovs.17-21723. PubMed PMID: 28586796.</p> <p>6. Nayak TK, Mamidi P, Kumar A, Singh LP, Sahoo SS, Chattopadhyay S, Chattopadhyay S. Regulation of Viral Replication, Apoptosis and Pro-Inflammatory Responses by 17-AAG during Chikungunya Virus Infection in Macrophages. Viruses. 2017 Jan 6;9(1). pii: E3. doi: 10.3390/v9010003. PubMed PMID: 28067803; PubMed Central PMCID: PMC5294972.</p> <p>7. Panigrahi B, Singh RK, Mishra S, Mandal D. Cyclic peptide-based nanostructures as efficient siRNA carriers. Artif Cells Nanomed Biotechnol. 2018 Oct 12:1-11. doi: 10.1080/21691401.2018.1511574. [Epub ahead of print] PubMed PMID: 30311806.</p> <p>8. S Shivakumar, T Panigrahi, R Shetty, M Subramani, A Ghosh, N Jeyabalan. Chloroquine Protects Human Corneal Epithelial Cells from Desiccation Stress Induced Inflammation without Altering the Autophagy. FluxBioMed Research International, 2018.</p> <p>9. Pandey P, Singh D, Hasanain M, Ashraf R, Maheshwari M, Choyal K, Singh A, Datta D, Kumar B, Sarkar J. 7-hydroxyfrullanolide, isolated from Sphaeranthus indicus, inhibits colorectal cancer cell growth by p53 dependent and independent mechanism. Carcinogenesis. 2018 Dec 8. doi: 10.1093/carcin/bgy176. [Epub ahead of print] PubMed PMID: 30535334.</p>

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10-10011	Monoclonal Antibody to GAPDH (Clone: ABM22C5)	<p>10. Panigrahi B, Mishra S, Singh RK, Siddiqui N, Bal R, Mandal D. Peptide generated anisotropic gold nanoparticles as efficient siRNA vectors. <i>Int J Pharm.</i> 2019 May 30;563:198-207. doi: 10.1016/j.ijpharm.2019.04.007. Epub 2019 Apr 3. PubMed PMID: 30953762.</p> <p>11. Anuja K, Chowdhury AR, Saha A, Roy S, Rath AK, Kar M, Banerjee B. Radiation-induced DNA damage response and resistance in colorectal cancer stem-like cells. <i>Int J Radiat Biol.</i> 2019 Jun;95(6):667-679. doi: 10.1080/09553002.2019.1580401. Epub 2019 Mar 20. PubMed PMID: 30753097.</p> <p>12. Mishra S, Verma SS, Rai V, Awasthee N, Arya JS, Maiti KK, Gupta SC. Curcumaraktakanda Induces Apoptosis and Suppresses Migration in Cancer Cells: Role of Reactive Oxygen Species. <i>Biomolecules.</i> 2019 Apr 23;9(4). pii: E159. doi:10.3390/biom9040159. PubMed PMID: 31018580; PubMed Central PMCID: PMC6523773.</p> <p>13. Nayak TK, Mamidi P, Sahoo SS, Kumar PS, Mahish C, Chatterjee S, Subudhi BB, Chattopadhyay S, Chattopadhyay S. P38 and JNK Mitogen-Activated Protein Kinases Interact With Chikungunya Virus Non-structural Protein-2 and Regulate TNF Induction During Viral Infection in Macrophages. <i>Front Immunol.</i> 2019 Apr 12;10:786. doi: 10.3389/fimmu.2019.00786. eCollection 2019. PubMed PMID:31031770; PubMed Central PMCID: PMC6473476.</p> <p>14. Hayat B, Padhy B, Mohanty PP, Alone DP. Altered unfolded protein response and proteasome impairment in pseudoexfoliation pathogenesis. <i>Exp Eye Res.</i> 2019 Apr;181:197-207. doi: 10.1016/j.exer.2019.02.004. Epub 2019 Feb 7. PubMed PMID:30738879.</p> <p>15. Chaudhary P, Babu GS, Sobti RC, Gupta SK. HGF regulate HTR-8/SVneo trophoblastic cells migration/invasion under hypoxic conditions through increased HIF-1α expression via MAPK and PI3K pathways. <i>J Cell Commun Signal.</i> 2019 Jan 26. doi: 10.1007/s12079-019-00505-x. [Epub ahead of print] PubMed PMID: 30684191.</p> <p>16. Singh O, Pradhan DR, Nagalakshmi B, Kumar S, Mitra S, Sagarkar S, Sakharkar AJ, Lechan RM, Singru PS. Thyrotropin-releasing hormone (TRH) in the brain and pituitary of the teleost, <i>Clarias batrachus</i> and its role in regulation of hypophysiotropic dopamine neurons. <i>J Comp Neurol.</i> 2019 Apr 15;527(6):1070-1101. doi: 10.1002/cne.24570. Epub 2018 Dec 28. PubMed PMID: 30370602.</p>

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11-201	Rabbit IgG Isotype Control	<p>1. Nayak TK, Mamidi P, Sahoo SS, Kumar PS, Mahish C, Chatterjee S, Subudhi BB, Chattopadhyay S, Chattopadhyay S. P38 and JNK Mitogen-Activated Protein Kinases Interact With Chikungunya Virus Non-structural Protein-2 and Regulate TNF Induction During Viral Infection in Macrophages. Front Immunol. 2019 Apr12;10:786. doi: 10.3389/fimmu.2019.00786. eCollection 2019. PubMed PMID:31031770; PubMed Central PMCID: PMC6473476.</p>
11-201-PE	Rabbit IgG Isotype control- PE Conjugated	<p>Mori D, Tsujikawa T, Sugiyama Y, Kotani SI, Fuse S, Ohmura G, Arai A, Kawaguchi T, Hirano S, Mazda O, Kishida T. Extracellular acidity in tumor tissue upregulates programmed cell death protein 1 expression on tumor cells via proton-sensing G protein-coupled receptors. Int J Cancer. 2021 Dec 15;149(12):2116-2124. doi: 10.1002/ijc.33786. Epub 2021 Sep 13. PMID: 34460096</p>
11-301	Peroxidase conjugated Goat anti Mouse IgG (H+L)	<p>Das P, Pal S, Das N, Chakraborty K, Chatterjee K, Mal S, Choudhuri T. Endogenous PTEN acts as the key determinant for mTOR inhibitor sensitivity by inducing the stress-sensitized PTEN-mediated death axis in KSHV-associated malignant cells. Front Mol Biosci. 2023 Aug2;10:1062462. doi: 10.3389/fmolb.2023.1062462. PMID: 37602330; PMCID: PMC10433768.</p> <p>Dutta A, Panchali T, Khatun A, Jarapala SR, Das K, Ghosh K, Chakrabarti S, Pradhan S. Anti-cancer potentiality of linoelaidic acid isolated from marine Tapra fish oil (Ophisthopterus tardoore) via ROS generation and caspase activation on MCF-7 cell line. Sci Rep. 2023 Aug 29;13(1):14125. doi: 10.1038/s41598-023-34885-3. PMID: 37644076</p>

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11-302	Alkaline phosphatase conjugated Goat anti Mouse IgG (H+L)	<p>1. Panigrahi B, Singh RK, Mishra S, Mandal D. Cyclic peptide-based nanostructures as efficient siRNA carriers. Artif Cells Nanomed Biotechnol. 2018 Oct 12:1-11. doi: 10.1080/21691401.2018.1511574. [Epub ahead of print] PubMed PMID: 30311806.</p> <p>2. Baral B, Panigrahi B, Kar A, Tulsian KD, Suryakant U, Mandal D, Subudhi U. Peptide nanostructures-based delivery of DNA nanomaterial therapeutics for regulating gene expression. Molecular Therapy: Nucleic Acid (2023), doi: https://doi.org/10.1016/j.omtn.2023.07.017</p>
11-2001	Coronavirus (COVID-19) Spike Antibody	<p>1. Heather Swann, Abhimanyu Sharma, Benjamin Preece, Abby Peterson, Crystal Eldridge, David M. Belnap, Michael Vershinin, Saveez Saffarian. Minimal system for assembly of SARS-CoV-2 virus like particles. bioRxiv 2020.06.01.128058; doi: https://doi.org/10.1101/2020.06.01.128058</p>
11-2001-B	Coronavirus (COVID-19/Sars-Cov-2/2019nCov) Spike biotinylated Antibody	<p>1. Heather Swann, Abhimanyu Sharma, Benjamin Preece, Abby Peterson, Crystal Eldridge, David M. Belnap, Michael Vershinin, Saveez Saffarian. Minimal system for assembly of SARS-CoV-2 virus like particles. bioRxiv 2020.06.01.128058; doi: https://doi.org/10.1101/2020.06.01.128058</p>
11-8110-25	Polyclonal Antibody to Asb-2 - 25 µg	<p>Shin JH, Moreno-Nieves UY, Zhang LH, Chen C, Dixon AL, Linde MH, Mace EM, Sunwoo JB. AHR Regulates NK Cell Migration via ASB2-Mediated Ubiquitination of Filamin A. Front Immunol. 2021 Feb 24;12:624284. doi: 10.3389/fimmu.2021.624284. PMID: 33717133; PMCID: PMC7943850.</p>
11-13012	Polyclonal Antibody to Beta actin	<p>1. Panda PK, Naik PP, Meher BR, Das DN, Mukhopadhyay S, Praharaj PP, Maiti TK, Bhutia SK. PUMA dependent mitophagy by Abrus agglutinin contributes to apoptosis through ceramide generation. Biochim Biophys Acta Mol Cell Res. 2018 Mar;1865(3):480-495. doi: 10.1016/j.bbamcr.2017.12.002. Epub 2017 Dec 8. PubMed PMID: 2922947</p> <p>2. Nayak TK, Mamidi P, Kumar A, Singh LP, Sahoo SS, Chattopadhyay S, Chattopadhyay S. Regulation of Viral Replication, Apoptosis and Pro-Inflammatory Responses by 17-AAG during Chikungunya Virus Infection in Macrophages. Viruses.2017 Jan 6;9(1). pii: E3. doi: 10.3390/v9010003. PubMed PMID: 28067803; PubMed Central PMCID: PMC5294972.</p> <p>3. Panigrahi B, Singh RK, Mishra S, Mandal D. Cyclic peptide-based nanostructures as efficient siRNA carriers. Artif Cells Nanomed Biotechnol. 2018 Oct 12:1-11. doi: 10.1080/21691401.2018.1511574. [Epub ahead of print] PubMed PMID: 30311806.</p>

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11-13012	Polyclonal Antibody to Beta actin	4. Panigrahi B, Mishra S, Singh RK, Siddiqui N, Bal R, Mandal D. Peptide generated anisotropic gold nanoparticles as efficient siRNA vectors. Int J Pharm. 2019 May 30;563:198-207. doi: 10.1016/j.ijpharm.2019.04.007. Epub 2019 Apr 3. PubMed PMID: 30953762.
		5. Yavvari PS, Verma P, Mustfa SA, Pal S, Kumar S, Awasthi AK, Ahuja V, Srikanth CV, Srivastava A, Bajaj A. A nanogel based oral gene delivery system targeting SUMOylation machinery to combat gut inflammation. Nanoscale. 2019 Mar14;11(11):4970-4986. doi: 10.1039/c8nr09599j. PubMed PMID: 30839018.
		6. Shahrar RA, Linares G, Wang Y, Hsueh SC, Wu CC, Chuang DM, Chiang YH, Chen KY. Transplantation of Mesenchymal Stem Cells Overexpressing FGF21 Facilitates Cognitive Recovery and Enhances Neurogenesis in a Mouse Model of Traumatic Brain Injury. J Neurotrauma. 2019 Jul 12. doi: 10.1089/neu.2019.6422. [Epub ahead of print] PubMed PMID: 31298621.
12-1244	Anti-SOX10(Melanoma Marker) Recombinant Rabbit Monoclonal Antibody (Clone:SOX10/2311R)	Fernandez-Palomo C, Trappetti V, Potez M, Pellicoli P, Krisch M, Laissue J, Djonov V. Complete Remission of Mouse Melanoma after Temporally Fractionated Microbeam Radiotherapy. Cancers . 2020; 12(9):2656. https://doi.org/10.3390/cancers12092656
14-100ACL	NF-kB LEEporter™ Luciferase Reporter-RAW264.7 Cell Line	1. Piri-Gharaghie T, Doosti A, Mirzaei SA. Novel adjuvant nano-vaccine induced immune response against Acinetobacter baumannii. AMB Express. 2023 Mar 11;13(1):31. doi: 10.1186/s13568-023-01531-0. PMID: 36905472; PMCID: PMC10008545.
14-102ACL	AP-1 LEEporter™ Luciferase Reporter-HEK293 Cell Line	Wang F, Stappenbeck F, Tang LY, Zhang YE, Hui ST, Lusi AJ, Parhami F. Oxy210, a Semi-Synthetic Oxysterol, Exerts Anti-Inflammatory Effects in Macrophages via Inhibition of Toll-like Receptor (TLR) 4 and TLR2 Signaling and Modulation of Macrophage Polarization. Int J Mol Sci. 2022 May 13;23(10):5478. doi: 10.3390/ijms23105478. PMID: 35628290; PMCID: PMC9141227.
14-112ACL	STAT1 LEEporter™ Luciferase Reporter-HeLa Cell Line	1: Jitschin R, Böttcher M, Saul D, Lukassen S, Bruns H, Loschinski R, Ekici AB, Reis A, Mackensen A, Mouggiakakos D. Inflammation-induced glycolytic switch controls suppressivity of mesenchymal stem cells via STAT1 glycosylation. Leukemia. 2019 Jan 24. doi: 10.1038/s41375-018-0376-6. [Epub ahead of print] PubMed PMID: 30679801

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14-117ACL	Nrf2 Lipoporter™ Luciferase Reporter-MCF7 Cell Line	<p>1. Chen Zhang, Pierre-Yves Fortin, Guillaume Barnoin, Xue Qin, Xing Wang, et al.. Artemisinin Derivative-NHC-gold(I)-Hybrid with enhanced cytotoxic activity through inhibiting NRF2 transcriptional activity. 2020. hal-02442823</p>
14-124ACL	TLR4/IL-8 Lipoporter™ Luciferase Reporter-HeLa Cell Line	<p>Wang F, Stappenbeck F, Tang LY, Zhang YE, Hui ST, Lusic AJ, Parhami F. Oxy210, a Semi-Synthetic Oxysterol, Exerts Anti-Inflammatory Effects in Macrophages via Inhibition of Toll-like Receptor (TLR) 4 and TLR2 Signaling and Modulation of Macrophage Polarization. Int J Mol Sci. 2022 May 13;23(10):5478. doi: 10.3390/ijms23105478. PMID: 35628290; PMCID: PMC9141227.</p>
14-125ACL	NF-kB Lipoporter™ Luciferase Reporter-HEK293 Cell Line	<p>1. Piri-Gharaghie T, Doosti A, Mirzaei SA. Novel adjuvant nano-vaccine induced immune response against Acinetobacter baumannii. AMB Express. 2023 Mar 11;13(1):31. doi: 10.1186/s13568-023-01531-0. PMID: 36905472; PMCID: PMC10008545.</p> <p>2. Wang F, Stappenbeck F, Tang LY, Zhang YE, Hui ST, Lusic AJ, Parhami F. Oxy210, a Semi-Synthetic Oxysterol, Exerts Anti-Inflammatory Effects in Macrophages via Inhibition of Toll-like Receptor (TLR) 4 and TLR2 Signaling and Modulation of Macrophage Polarization. Int J Mol Sci. 2022 May 13;23(10):5478. doi: 10.3390/ijms23105478. PMID: 35628290; PMCID: PMC9141227.</p>
14-127ACL	TLR2/NF-kB Lipoporter™ Luciferase Reporter-HEK293 Cell Line	<p>Wang F, Stappenbeck F, Tang LY, Zhang YE, Hui ST, Lusic AJ, Parhami F. Oxy210, a Semi-Synthetic Oxysterol, Exerts Anti-Inflammatory Effects in Macrophages via Inhibition of Toll-like Receptor (TLR) 4 and TLR2 Signaling and Modulation of Macrophage Polarization. Int J Mol Sci. 2022 May 13;23(10):5478. doi: 10.3390/ijms23105478. PMID: 35628290; PMCID: PMC9141227.</p>
14-131ACL	TLR9/NF-kB Lipoporter™ Luciferase Reporter-HEK293 Cell Line	<p>Piri-Gharaghie T, Doosti A, Mirzaei SA. Novel adjuvant nano-vaccine induced immune response against Acinetobacter baumannii. AMB Express. 2023 Mar 11;13(1):31. doi: 10.1186/s13568-023-01531-0. PMID: 36905472; PMCID: PMC10008545.</p>
14-144ACL	FOXP3 Lipoporter™ Luciferase Reporter-Jurkat Cell Line	<p>1. Suzuki R, Mishima M, Nagane M, Mizugaki H, Suzuki T, Komuro M, Shimizu T, Fukuyama T, Takeda S, Ogata M, Miyamoto T, Aihara N, Kamiie J, Kamisuki S, Yokaryo H, Yamashita T, Satoh T. The novel sustained 3-hydroxybutyrate donor poly-D-3-hydroxybutyric acid prevents inflammatory bowel disease through upregulation of regulatory T-cells. FASEB J. 2023 Jan;37(1):e22708. doi: 10.1096/fj.202200919R. PMID: 36562544.</p>

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15-1016	Imidazoquinoline Resiquimod (R-848)	Zhang K, Zakeri A, Alban T, Dong J, Ta HM, Zalavadia AH, Branicky A, Zhao H, Juric I, Husich H, Parthasarathy PB, Rupani A, Drazba JA, Chakraborty AA, Ching-Cheng Huang S, Chan T, Avril S, Wang LL. VISTA promotes the metabolism and differentiation of myeloid-derived suppressor cells by STAT3 and polyamine-dependent mechanisms. Cell Rep. 2024 Jan 3;43(1):113661. doi: 10.1016/j.celrep.2023.113661. Epub ahead of print. PMID: 38175754.
15-1018	CpG ODN (1826), TLR9 ligand (Class B)	Zhang K, Zakeri A, Alban T, Dong J, Ta HM, Zalavadia AH, Branicky A, Zhao H, Juric I, Husich H, Parthasarathy PB, Rupani A, Drazba JA, Chakraborty AA, Ching-Cheng Huang S, Chan T, Avril S, Wang LL. VISTA promotes the metabolism and differentiation of myeloid-derived suppressor cells by STAT3 and polyamine-dependent mechanisms. Cell Rep. 2024 Jan 3;43(1):113661. doi: 10.1016/j.celrep.2023.113661. Epub ahead of print. PMID: 38175754.
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17-1101	Leeporter™ Renilla Luciferase Assay Reagent- 1000 Test	<p>1. Suzuki R, Mishima M, Nagane M, Mizugaki H, Suzuki T, Komuro M, Shimizu T, Fukuyama T, Takeda S, Ogata M, Miyamoto T, Aihara N, Kamiie J, Kamisuki S, Yokaryo H, Yamashita T, Satoh T.</p> <p>The novel sustained 3-hydroxybutyrate donor poly-D-3-hydroxybutyric acid prevents inflammatory bowel disease through upregulation of regulatory T-cells.</p> <p>FASEB J. 2023 Jan;37(1):e22708. doi: 10.1096/fj.202200919R. PMID: 36562544.</p>
17-3001	SARS-CoV-2 Inhibitor Screening Kit	<p>Hameed, Noor S.; Arif, Inam Sameh; Al-Sudani, Basma Talib</p> <p>Preventive treatment of coronavirus disease-2019 virus using coronavirus disease-2019-receptor-binding domain 1C aptamer by suppress the expression of angiotensin-converting enzyme 2 receptor.</p> <p>Journal of Advanced Pharmaceutical Technology & Research 14(3):p 185-190, Jul-Sep 2023</p>
21-1003	Recombinant SARS-CoV-2/COVID-19 Nucleocapsid Protein His Tag	<p>Wei C, Datta PK, Siegerist F, Li J, Yashwanth S, Koh KH, Kriho NW, Ismail A, Luo S, Fischer T, Amber KT, Cimbaluk D, Landay A, Endlich N, Rappaport J; Michigan Medicine COVID-19 Investigators; Hayek SS, Reiser J.</p> <p>SuPAR mediates viral response proteinuria by rapidly changing podocyte function.</p> <p>Nat Commun. 2023 Jul 21;14(1):4414. doi: 10.1038/s41467-023-40165-5. PMID: 37479685; PMCID: PMC10362037.</p> <p>Cynthia L. Swan,Valentine Dushimiyimana,Pacifique Ndishimye,David J. Kelvin,Leopold Bitunguhari, Alyson A. Kelvin.</p> <p>Third COVID-19 vaccine dose boosts antibody function in Rwandans with high HIV viral load iScience 26, 107959 October 20, 2023 Â² 2023.</p> <p>https://doi.org/10.1016/j.isci.2023.107959</p> <p>Ethan B. Jansen¹, Ali Toloue Ostadgavahi², Benjamin Hewins², Rachelle Buchanan¹, Brittany M. Thivierge¹, Gustavo S. Martinez², Una Goncin¹, Magen E. Francis¹, Cynthia L. Swan¹,Erin Scruten¹, Jack Bell¹, Joseph Darbellay¹, Antonio Facciuolo¹, Darryl Falzarano¹, Volker Gerdts¹, Mark E. Fenton¹, Peter Hedlin¹, David J. Kelvin², Alyson A.</p> <p>Kelvin PASC (Post Acute Sequelae of COVID-19) is associated with decreased neutralizing antibody titers and increased inflammatory cytokines.</p> <p>This is a preprint; it has not been peer reviewed by a journal.</p> <p>https://doi.org/10.21203/rs.3.rs-3399447/v1</p>
30-1502	Anti-CD123 Monoclonal Antibody (Clone:6H6)	<p>Uetz-von Allmen E, Samson GPB, Purvanov V, Maeda T, Legler DF.</p> <p>CAL-1 as Cellular Model System to Study CCR7-Guided Human Dendritic Cell Migration.</p> <p>Front Immunol. 2021 Sep 16;12:702453. doi: 10.3389/fimmu.2021.702453. PMID: 34603281; PMCID: PMC8482423.</p>
30-2132	Anti-CD57 Monoclonal Antibody (Clone:TB01)-PE Conjugated	<p>Brandt, Claus.</p> <p>Systemic inflammation and immune function in patients with cancer.</p> <p>Diss. School of Health and Medical Sciences, University of Copenhagen, 2021.</p>

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32-190001	COVID-19 Nucleoprotein(N) Protein	Karwaciak, I.; Sałkowska, A.; Karaś, K.; Dastyh, J.; Ratajewski, M. Nucleocapsid and Spike Proteins of the Coronavirus SARS-CoV-2 Induce IL6 in Monocytes and Macrophages-Potential Implications for Cytokine Storm Syndrome. Vaccines 2021, 9, 54. https://doi.org/10.3390/vaccines9010054
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32-190002	2019-nCoV Nucleocapsid Protein	Ciszewski WM, Wozniak LA, Sobierajska K. SARS-CoV-2 S and N protein peptides drive invasion abilities of colon cancer cells through TGF- β 1 regulation. Biochim Biophys Acta Mol Cell Res. 2023 Oct;1870(7):119541. doi: 10.1016/j.bbamcr.2023.119541. Epub 2023 Jul 17. PMID: 37468071.

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36-11091	Monoclonal Antibody to Cytokeratin, Basic (Type II or HMW) (Epithelial Marker) (Clone : 34BE12)	1. Zhang, Y., Tang, C., Span, P. N., Rowan, A. E., Aalders, T. W., Schalken, J. A., Adema, G. J., Kouwer, P. H. J., Zegers, M. M. P., Ansems, M. Polyisocyanide Hydrogels as a Tunable Platform for Mammary Gland Organoid Formation. Adv. Sci. 2020, 2001797. https://doi.org/10.1002/adv.202001797
36-1189	Monoclonal Antibody to GnRH-Receptor / LH-RH Receptor (Clone : F1G4; same as GNRH03)	H Li, XX Zhu, JB Xiang, L Jian Buserelin Inhibits the Immunosuppressive Activity of Regulatory T Cells through the Protein Kinase A Signaling in a Central Precocious Puberty Model. Immunological Investigations, 2021. https://doi.org/10.1080/08820139.2021.1885437
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90-2246	Human IL-35 (Interleukin 35) Pre-Coated ELISA Kit	<p>Su Y, Feng S, Luo L, Liu R, Yi Q. Correction to: Association between IL-35 and coronary arterial lesions in children with Kawasaki disease. Clin Exp Med. 2018 Aug 31. doi: 10.1007/s10238-018-0525-2. [Epub ahead of print] PubMed PMID: 30171456.</p>

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Abeomics Inc. is founded by scientists for the scientists. Our immunologists, cell biologists and business professionals have contributed for over 25 years to the growth and success of global companies including BD Biosciences, eBioscience and IMGENEX Corporation. We bring our experiences to develop well-validated and specific antibodies by traditional hybridoma technology and by genetic engineering to produce recombinant mouse and rabbit monoclonal antibodies.

Our **areas of focus** are in research & development support, high throughput screening services, assay development, as well as small to large-scale manufacturing.

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