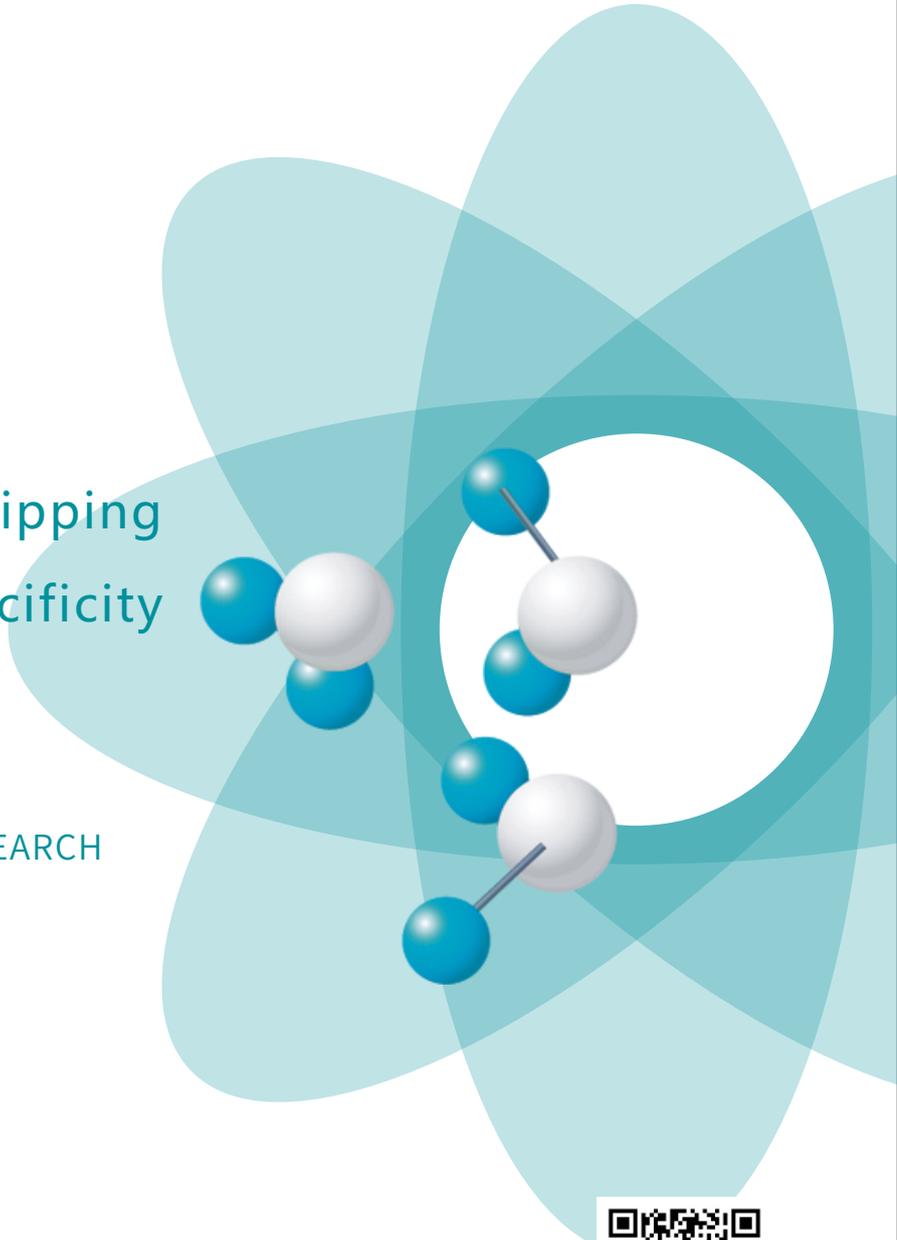


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- Bulk stock and fast shipping
- High Affinity and Specificity

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# FOREWORD

AFFINITY BIOSCIENCES GROUP LTD is the R&D and production center of Affinity Biosciences (Affinity) brand in China. At present, the company has built a modern comprehensive laboratory, aseptic operation room, SPF animal room, and is equipped with advanced flow cytometer, laser confocal, digital scanning of pathological sections and other experimental instruments. Antibody sales channels cover the whole world, and Affinity has become an antibody service provider that integrates R&D, production, testing and sales.

Since 2018, Affinity has consecutively won the 2019 and 2020 CiteAb Award and has become the first company to ever win CiteAb Awards 'Antibody supplier to watch' a second year in a row.

In July 2022, Affinity announced the successful development of the AFfirm technology platform, which is more than 10 times more efficient than the traditional mouse monoclonal antibody platform. Since its inception, Affinity has been committed to providing the highest quality antibody products and services to researchers around the world. Affinity has developed more than 15,000 kinds of antibodies and has 16,000 kinds of peptides in stock. Among them, phospho-specific antibodies are the world calling card of Affinity brand, and the number of published citations on phospho-specific antibodies is in the world top position.



# About Affinity



| Cat#   | Des#         | Reactivity        | Application   | Cited |
|--------|--------------|-------------------|---------------|-------|
| AF7616 | TAK1 Ab      | Human, Mouse, Rat | WB            | ◆◆    |
| DF7026 | TBK1 Ab      | Human, Mouse, Rat | WB,IHC,IF/ICC | ◆◆    |
| DF6289 | TICAM1 Ab    | Human, Mouse, Rat | WB,IHC,IF/ICC | ◆◆    |
| DF7002 | TLR2 Ab      | Human, Mouse, Rat | WB,IHC        | ◆◆    |
| DF6415 | TLR3 Ab      | Human, Mouse, Rat | WB,IHC        | ◆◆    |
| AF7017 | TLR4 Ab      | Human, Mouse, Rat | WB,IHC,IF/ICC | ◆◆◆◆  |
| AF7014 | TNF alpha Ab | Human, Mouse, Rat | WB,IHC,IF/ICC | ◆◆◆◆  |
| DF6279 | TRADD Ab     | Human, Mouse, Rat | WB,IHC,IF/ICC | ◆◆    |
| DF7181 | TRAF3 Ab     | Human, Mouse, Rat | WB,IHC        | ◆◆    |
| AF5376 | TRAF6 Ab     | Human, Mouse, Rat | WB,IHC,IF/ICC | ◆◆◆   |

## Infection And Immunity

Epigenetics refers to changes in gene expression levels based on non-genetic sequence changes, including DNA methylation, histone modification, chromosome remodeling, and non-coding RNA regulation, which affect the function and properties of genes, primarily by regulating their transcription or translation processes.

### • Hot-selling antibodies recommended

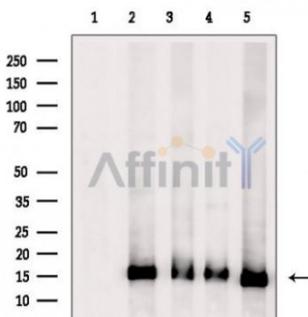
#### Histone H3 Antibody ( Puc Med 64 )

Catalog: AF0863

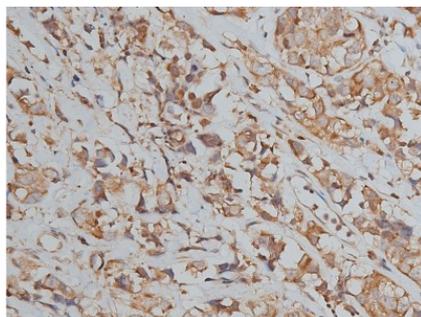
Application: WB, IHC, IF/ICC

Reactivity: Human, Mouse, Rat, Fish

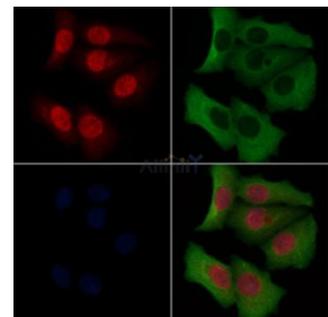
Prediction: Bovine



Western blot analysis of extracts from various samples, using Histone H3 Antibody. Lane 1: Lovo, blocked with antigen-specific peptides, Lane 2: Lovo, Lane 3: EC304 cells, Lane 4: Mouse brain, Lane 5: A2780 cells.



AF0863 at 1/50 staining human breast cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



AF0863 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(#AF0863) and mouse anti-beta tubulin Ab(#T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).

## • Related antibodies recommended

| Cat#    | Des#   | Reactivity                           | Application                                   |
|---------|--|--------------------------------------|---|
| DF6938  | Tri-Methyl-Histone H3 (Lys9)/H3K9me3 Antibody        | Human,Mouse,Rat                      | WB,IHC,IF/ICC,IP,ChIP,CHIP-SEQ,ELISA(peptide) |
| DF6947  | Tri-Methyl-Histone H3(Lys79)/H3K79me3 Antibody       | Human,Mouse                          | WB,IHC,IF/ICC,IP,ChIP,ELISA(peptide)          |
| DF6935  | Tri-Methyl-Histone H3 (Lys4)/H3K4me3 Antibody        | Human,Mouse,Rat                      | WB,IHC,IF/ICC,IP,ChIP,ELISA(peptide)          |
| DF6944  | Tri-Methyl-Histone H3 (Lys36)/H3K36me3 Antibody      | Human,Mouse,Rat                      | WB,IF/ICC,ChIP,ELISA(peptide)                 |
| DF6941  | Tri-Methyl-Histone H3 (Lys27)/H3K27me3 Antibody      | Human,Mouse,Rat                      | WB,IHC,IF/ICC,IP,ChIP,ELISA(peptide)          |
| DF7253  | Tri-Methyl-Histone H3 (Lys14)/H3K14me3 Antibody      | Human,Mouse,Rat                      | WB,IF/ICC,ELISA(peptide)                      |
| AF4358  | Phospho-Histone H4 (Tyr89) Antibody                  | Human,Mouse,Rat,Pig,Bovine           | WB,IHC,ELISA(peptide)                         |
| AF7337  | Phospho-Histone H3 (Thr81) Antibody                  | Human,Mouse,Rat                      | WB,IHC,IF/ICC,ELISA(peptide)                  |
| AF3831  | Phospho-Histone H3 (Thr3) Antibody                   | Human,Mouse,Rat                      | IHC,IF/ICC,ELISA(peptide)                     |
| AF7336  | Phospho-Histone H3 (Thr12) Antibody                  | Human,Mouse,Rat                      | WB,IHC,IF/ICC,ELISA(peptide)                  |
| AF7335  | Phospho-Histone H3 (Ser58) Antibody                  | Human,Mouse,Rat                      | WB,IHC,IF/ICC,ELISA(peptide)                  |
| AF3868  | Phospho-Histone H3 (Ser28) Antibody                  | Human,Mouse,Rat                      | IHC,ELISA(peptide)                            |
| AF3358  | Phospho-Histone H3 (Ser11) Antibody                  | Human,Mouse,Rat,Spodopterafrugiperda | WB,IHC,IF/ICC,ELISA(peptide)                  |
| AF4359  | Phospho-Histone H2B (Tyr43) Antibody                 | Human,Mouse                          | WB,IHC,ELISA(peptide)                         |
| AF8033  | Phospho-Histone H2B (Ser15) Antibody                 | Human,Mouse,Rat                      | WB,IHC,ELISA(peptide)                         |
| AF8482  | Phospho-Histone H2A.X (Tyr143) Antibody              | Human,Mouse,Rat                      | WB,IF/ICC,ELISA(peptide)                      |
| AF3187  | Phospho-Histone H2A.X (Ser139)[Ser140] Antibody      | Human,Mouse,Rat                      | WB,IHC,ELISA(peptide)                         |
| AF3135  | Phospho-Histone H2A (Thr121) Antibody                | Human,Mouse,Rat                      | WB,IHC,ELISA(peptide)                         |
| AF8223  | Phospho-Histone H2A (Ser2) Antibody                  | Human,Mouse,Rat                      | WB,ELISA(peptide)                             |
| DF2946  | Phospho-Histone H1.3 (Thr18) Antibody                | Human,Mouse,Rat                      | WB,IHC,IF/ICC,ELISA(peptide)                  |
| AF3572  | Phospho-Histone H1 (Thr17) Antibody                  | Human                                | ELISA(peptide)                                |
| DF6948  | Mono-Methyl-Histone H4 (Lys20)/H4K20me1 Antibody     | Human,Mouse,Rat                      | WB,IHC,ELISA(peptide)                         |
| DF6936  | Mono-Methyl-Histone H3 (Lys9)/H3K9me1 Antibody       | Human,Mouse                          | WB,IHC,IF/ICC,IP,ChIP,ELISA(peptide)          |
| DF6945  | Mono-Methyl-Histone H3 (Lys79)/H3K79me1 Antibody     | Human,Mouse                          | WB,IHC,IF/ICC,IP,ChIP,ELISA(peptide)          |
| DF6933  | Mono-Methyl-Histone H3 (Lys4)/H3K4me1 Antibody       | Human,Mouse                          | WB,IHC,IF/ICC,ELISA(peptide)                  |
| DF6942  | Mono-Methyl-Histone H3 (Lys36)/H3K36me1 Antibody     | Human,Mouse                          | WB,IF/ICC,ELISA(peptide)                      |
| DF6939  | Mono-Methyl-Histone H3 (Lys27)/H3K27me1 Antibody     | Human,Mouse                          | WB,IHC,IF/ICC,ELISA(peptide)                  |
| DF7251  | Mono-Methyl-Histone H3 (Lys14)/H3K14me1 Antibody     | Human,Mouse,Rat                      | WB,IF/ICC,ELISA(peptide)                      |
| DF2931  | Mono-Di-Tri-Histone H3 (Lys14)/H3K14me1/2/3 Antibody | Human,Mouse                          | WB,IF/ICC,ELISA(peptide)                      |
| AF4653  | Histone H4 Antibody                                  | Human,Mouse,Rat,Pig,Bovine           | WB,IF/ICC,ELISA(peptide)                      |
| DF6950  | Histone H4 Antibody                                  | Human,Mouse                          | WB,ELISA(peptide)                             |
| AF0863  | Histone H3 Antibody                                  | Human,Mouse,Rat.Fish                 | WB,IHC,IF/ICC,ELISA(peptide)                  |
| AF6359  | Histone H3 Antibody                                  | Human,Mouse,Rat                      | WB,IHC,IF/ICC,ELISA(peptide)                  |
| BF9211  | Histone H3 Antibody                                  | Human,Mouse,Rat                      | WB,IHC,IF/ICC,IP,ELISA                        |
| DF6932  | Histone H3 Antibody                                  | Human,Mouse,Rat                      | WB,IHC,IF/ICC,IP,ChIP,ELISA(peptide)          |
| AF0866  | Histone H2B Antibody                                 | Human,Mouse,Monkey                   | WB,IHC,IF/ICC,ELISA(peptide)                  |
| BF0722  | Histone H2B antibody                                 | Human,Mouse,Rat                      | WB,IHC,IF/ICC                                 |
| AF4666  | Histone H2AZ Antibody                                | Human,Mouse,Rat                      | WB,ELISA(peptide)                             |
| DF13466 | Histone H2A-Bbd Antibody                             | Human                                | WB,ELISA(peptide)                             |
| DF2930  | Histone H2A.Z Antibody                               | Human,Mouse,Rat                      | WB,IHC,IF/ICC,ELISA(peptide)                  |
| AF6187  | Histone H2A.X Antibody                               | Human,Mouse,Rat,Monkey               | WB,IHC,ELISA(peptide)                         |
| AF6823  | Histone H2A.X Antibody                               | Human,Mouse,Rat                      | WB,IF/ICC,ELISA(peptide)                      |
| AF0875  | Histone H2A Antibody                                 | Human,Mouse,Rat                      | WB,IHC,ELISA(peptide)                         |
| AF4654  | Histone H2A Antibody                                 | Human,Mouse,Rat                      | WB,ELISA(peptide)                             |
| AF6135  | Histone H2A Antibody                                 | Human,Mouse,Rat                      | WB,IHC,ELISA(peptide)                         |

| Cat#    | Des#   | Reactivity                 | Application                          |
|---------|--|----------------------------|--------------------------------------|
| DF8855  | Histone H1X Antibody                                     | Human                      | WB,ELISA(peptide)                    |
| DF13539 | Histone H1.5 Antibody                                    | Human,Mouse,Rat            | WB,IHC,IF/ICC,ELISA(peptide)         |
| AF0082  | Histone H1.3 Antibody                                    | Human,Mouse                | WB,ELISA(peptide)                    |
| DF12279 | Histone H1.2 Antibody                                    | Human,Mouse                | WB,IHC                               |
| DF13743 | Histone H1.1 Antibody                                    | Human                      | WB,IF/ICC,ELISA(peptide)             |
| AF0359  | Histone H1.0 Antibody                                    | Human,Mouse,Rat            | WB,IHC,IF/ICC,ELISA(peptide)         |
| DF3073  | Histone H1.0 Antibody                                    | Human,Mouse,Rat            | WB,IF/ICC,ELISA(peptide)             |
| AF0876  | Histone H1 Antibody                                      | Human,Rat                  | WB,IF/ICC,ELISA(peptide)             |
| AF6572  | Histone H1 Antibody                                      | Human,Mouse,Rat            | WB,ELISA(peptide)                    |
| DF6954  | Di-Methyl-Histone H4 (Arg3)/H4R3me2 Antibody             | Human,Mouse,Rat            | WB,IF/ICC,IP,ChIP,ELISA(peptide)     |
| DF6937  | Di-Methyl-Histone H3(Lys9)/H3K9me2 Antibody              | Human,Mouse                | WB,IHC,IF/ICC,IP,ChIP,ELISA(peptide) |
| DF6946  | Di-Methyl-Histone H3 (Lys79)/H3K79me2 Antibody           | Human,Mouse                | WB,IHC,IF/ICC,IP,ChIP,ELISA(peptide) |
| DF6934  | Di-Methyl-Histone H3 (Lys4)/H3K4me2 Antibody             | Human,Mouse                | WB,IHC,IF/ICC,IP,ChIP,ELISA(peptide) |
| DF6943  | Di-Methyl-Histone H3 (Lys36)/H3K36me2 Antibody           | Human,Mouse,Rat            | WB,IHC,IF/ICC,ELISA(peptide)         |
| DF7252  | Di-Methyl-Histone H3 (Lys14)/H3K14me2 Antibody           | Human,Mouse,Rat            | WB,IF/ICC,ELISA(peptide)             |
| DF6940  | Di-Methyl-Histone H3 (di methyl Lys27)/H3K27mez Antibody | Human,Mouse,Rat            | WB,IHC,IF/ICC,IP,ELISA(peptide)      |
| DF6952  | Di-Methyl-Histone H3 (Arg8)/H3R8me2 Antibody             | Human,Mouse                | WB,IF/ICC,IP,ELISA(peptide)          |
| AF4357  | Acetyl-Histone H4 (Lys91) Antibody                       | Human,Mouse,Rat,Pig,Bovine | WB,IHC,ELISA(peptide)                |
| AF4353  | Acetyl-Histone H4 (Lys8) Antibody                        | Human,Mouse,Rat,Pig,Bovine | WB,IHC,IF/ICC,ELISA(peptide)         |
| AF3355  | Acetyl-Histone H4 (Lys5) Antibody                        | Human,Mouse,Rat            | WB,IHC,IF/ICC,ELISA(peptide)         |
| DF4842  | Acetyl-Histone H4 (Lys5) Antibody                        | Human,Mouse,Rat,Monkey     | WB,IHC,IF/ICC,ELISA(peptide)         |
| AF3636  | Acetyl-histone H4 (Lys16) Antibody                       | Human,Mouse,Rat            | WB,IHC,IF/ICC,ELISA(peptide)         |
| AF1021  | Acetyl-Histone H4 (Lys12) Antibody                       | Human,Mouse,Rat,Monkey     | WB,IHC,IF/ICC,ELISA(peptide)         |
| AF4365  | Mcetyl-Histone H3 (Lys9/14/18/23/27) Antibody            | Human,Mouse,Rat            | WB,IHC,IF/ICC,ELISA(peptide)         |
| AF3359  | Acetyl-Histone H3 (Lys9) Antibody                        | Human,Mouse,Rat            | WS,IHC,IF/ICC,ELISA(peptide)         |
| AF1019  | Acetyl-Histone H3 (Lys23) Antibody                       | Human,Mouse,Rat            | WB,IF/ICC,ELISA(peptide)             |
| AF1023  | Acetyl-Histone H3 (Lys18) Antibody                       | Human,Mouse,Rat,Monkey     | WB,IHC,IF/ICC,ELISA(peptide)         |
| AF4352  | Acetyl-Histone H3 (Lys14) Antibody                       | Human,Mouse,Rat            | WB,IHC,IF/ICC,ELISA(peptide)         |
| AF4362  | Acetyl-Histone H3 (Lys122) Antibody                      | Human,Mouse,Rat            | WB,IHC,ELISA(peptide)                |
| AF4361  | Acetyl-Histone H2B (Lys20) Antibody                      | Human,Mouse,Rat            | WB,IHC,IF/ICC,ELISA(peptide)         |
| AF3823  | Acetyl-Histone H2A.X (Lys9) Antibody                     | Human,Mouse,Rat            | IHC,ELISA(peptide)                   |
| DF2929  | Acetyl-Histone H2A (Lys9) Antibody                       | Human,Mouse,Rat            | WB,IHC,IF/ICC,ELISA(peptide)         |
| AF4354  | Acetyl-Histone H2A (Lys5) Antibody                       | Human,Mouse,Rat            | WB,IHC,ELISA(peptide)                |



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