

Jetbody

Beyond affinity

Distribution in Switzerland:

 LUCERNA-CHEM

Your partner in single-domain antibody discovery, production, and functionalization

Single-domain antibody (sdAb), also called nanobody, is the variable region isolated from the antigen-binding variable domain (VHH) of camelid heavy chain-only antibody or the variable domain (vNAR) of cartilaginous fish immunoglobulin new antigen receptor (IgNAR). With a size of just 15 kDa (2~4 nm), sdAb is the smallest antigen-binding fragment discovered today and holds a plethora of intrinsic advantages over conventional monoclonal antibodies. sdAb owns a simple architecture, high thermal and chemical stability, good solubility, high tissue penetration, and easy modularity, and offers large-scale production possibilities. SdAbs are becoming a key component in a variety of areas of research, such as medical diagnosis, therapy, precision medicine, and basic research

Services

Discovery services

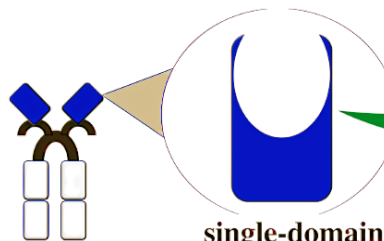
- Single-domain antibody camelid immunized library
- Single-domain antibody shark immunized library
- Single-domain antibody camelid naïve library

Single-domain antibody engineering

- Humanization
- Bioconjugation
- Multivalent single-domain antibody development
- Computer-aided affinity maturation

Other services

- Sequencing
- Large-scale protein production
- ELISA kits development
- Antibody validation



 Therapeutics

 Diagnostic kit

 Life Science tools

Products

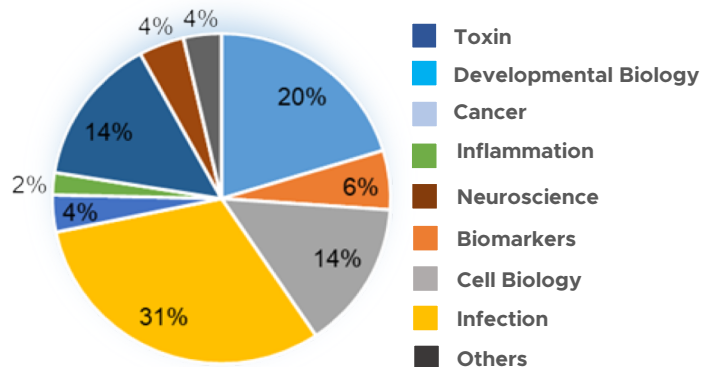
Single-domain antibody-based research reagents

- Primary single-domain antibodies
 - Unconjugated
 - Conjugated
- Secondary single-domain antibodies

Australian products

- Horse products
 - Defibrinated horse blood
 - Horse serum
 - Horse plasma
- Sheep products
 - Defibrinated sheep blood
 - Sheep serum
 - Sheep plasma

Research Areas



About Us



Jotbody (HK) Limited is a biotechnology company with dual sites operating in Hong Kong and Shenzhen (China). The company was founded in 2020 by a group of passionate scientists and a globally recognized board of directors with well-documented experience in biotherapeutics development and entrepreneurship.

We are on the cutting edge for the discovery of single-domain antibodies from camelids and sharks. We are dedicated to offering single-domain antibody discovery CRO services as well as provide single-domain antibody-based research reagents of outstanding quality to the global scientific community.



Why Choose Us

- ▶ 15+ years of experience in the development of bio-therapeutics
- ▶ Excellent customer support
- ▶ Exclusive animal hosts
- ▶ One-stop solution and customizable projects
- ▶ Rapid antibody discovery cycle for naïve library discovery
- ▶ Unbeatable price
- ▶ Convenient package and promotions

Testimonials

"It is truly a five-star experience regarding order handling, technical support, and product quality. After trying other vendors for nanobody generation, Jotbody is the one I will definitely recommend to my colleagues"

Bill Wong | VP Preclinical Development, InnoRNA

"The service was delivered on time, under budget, and quick resolving any issues that arise. We will recommend your services to other companies and contacts as well"

Hua Zhang | VP and Chief Scientific Officer, SPH Biotherapeutics

"We achieved successful cell targeting using your nanobody-clicked EVs. Thanks for your continuous support – it has been great working with you"

Anna Cifuentes-Rius | Director Research & Innovation, Exopharm

Excellent livestock.



**Jotbody collaborates with the finest
Australian farms that adhere to animal
welfare standards.**