

In Vivo Grade Recombinant Anti-HEL VHH-mIgG2a Fc Isotype Control Antibody

Catalog No.: YR0313

Basic Information

Molecular Weight

Endotoxin

<1EU/mg (<0.001EU/μg) Determined by LAL gel clotting assay

Sterility

0.2 μm filtration

Aggregation

<5% Determined by SECP

Purity

>95% Determined by SDS-PAGE

Background

The anti-HEL VHH (hen egg-white lysozyme; nanobody, single-domain antibody, or the variable domain of heavy chain antibody) in nature is suitable for use as an isotype-matched control antibody to estimate the degree of non-specific binding by an antigen-specific antibody. As an ideal recombinant VHH isotype control antibody, the recombinant anti-HEL VHH isotype control antibody has low or no specific binding to any human and mouse sample. The recombinant anti-HEL VHH isotype control antibodies are useful for in vitro and in vivo studies from ELISA, cell-based assay to animal model study.

Reported Applications

an isotype-matched negative control used in ELISA, Western Blot (WB), Flow Cytometry (Flow), Immuno precipitation (IP), Immunohistochemistry (Paraffin) (IHC (P)), Immunohistochemistry (Frozen) (IHC (F)), and in vivo animal model research

Immunogen Information

Clone

D3-L11

Isotype

Mouse IgG2a Fc

Immunogen

hen egg-white lysozyme (HEL)

Recommended Isotype Control(s)

In Vivo Grade Recombinant Mouse IgG2a Fc Protein

Recommended Dilution Buffer

1×PBS

Contact

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Product Information

Production

Purified from cell culture supernatant in an animal-free facility

Purification

Protein A or G purification

Storage

Store at 2 - 8°C. 2 - 8°C for up to 4 weeks and -80°C for long term storage (Avoid repeated freezing and thawing)