

# 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)