

YR0227

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# In vivo Grade Recombinant HyHEL-10 Mouse IgG2b Isotype Control Antibody

Catalog No.: YR0227

## Basic Information

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### Molecular Weight

150 kDa

### 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

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The anti-HEL monoclonal antibody (hen egg-white lysozyme) 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. The HEL D1.3-based recombinant isotype control and mutants (natural and engineered isotype controls) are useful for in vitro and in vivo studies from ELISA, Western blot (WB), to cell-based assay to animal model study.

## Reported Applications

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

## Contact

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[www.abclonal.com](http://www.abclonal.com)

## Immunogen Information

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### Clone

HyHEL-10

### Isotype

### Immunogen

hen egg-white lysozyme (HEL)

### Recommended Isotype Control(s)

### Recommended Dilution Buffer

1×PBS

## Product Information

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### 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)