

# In vivo Grade Recombinant HyHEL-10 Rat IgG2a Isotype Control Antibody

Catalog No.: YR0235

## Basic Information

### 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

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

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

HyHEL-10

### Isotype

### Immunogen

hen egg-white lysozyme (HEL)

### Recommended Isotype Control(s)

### Recommended Dilution Buffer

1×PBS pH 7.0

## 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

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