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In vivo Grade Recombinant HyHEL-10 Mouse IgG1 Isotype Control Antibody

Catalog No.: YR0225

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),Immunoprecipitation (IP),Immunohistochemistry (Paraffin) (IHC (P)),Immunohistochemistry (Frozen) (IHC (F)),and in vivo animal model research

Immunogen Information

Clone
HyHEL-10

Isotype
Mouse IgG1 kappa

Immunogen
hen egg-white lysozyme (HEL)

RecommendedIsotype Control(s)

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 -20℃