

In vivo Grade Recombinant Humanized HyHEL-10 Human IgG4-S228P Isotype Control Antibody

Catalog No.: YR0224

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

Contact

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Immunogen Information

Clone

HyHEL-10

Immunogen

hen egg-white lysozyme (HEL)

RecommendedIsotype Control(s)

Recommended Dilution Buffer

1×PBS

Product Information

Production

Purification

Isotype

Purified from cell culture supernatant in an Protein A or G purification animal-free facility

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)