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In Vivo Grade Recombinant Chimeric Human IgG4-S228P Isotype Control Antibody

Catalog No.: YR0354

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

Isotype control antibodies are used as negative controls of primary antibodies to check presence of non-specific binding to FC receptors on the cell surface, other cellular proteins, carbohydrates, and lipids. Thus, the isotype control antibody normally matches the host species and isotype, including light chains (such as human IgG4 S228P kappa antibody), concentration, and conjugation format of the experimental primary antibody. The ideal human isotype control antibody has low or no specific binding to any human sample, and humanized or completely human variable regions in addition to the human IgG constant regions.

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
4F17m

Isotype
Human IgG4 kappa

Immunogen

RecommendedIsotype Control(s)

Recommended Dilution Buffer
1×PBS

Contact

400-999-6126

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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℃