PA007396: Recombinant Mouse IgG1 Isotype Control Antibody (Clone: HyHEL-10)

Catalog No.: PA007396 | **Product Name:** Recombinant Mouse IgG1 Isotype Control Antibody (Clone: HyHEL-10)

Recombinant mouse IgG isotype control antibodies: animal free production; lot-to-lot consistency; no binding to human tissues. A human Fc blocking reagent or a component of a human blocker solution. Recombinant mouse IgG antibody mixes are available.

PRODUCT SPECIFICATIONS

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Product Name	Recombinant Mouse IgG1 Isotype Control Antibody
Supplier Name	Syd Labs, Inc.
Brand Name	Syd Labs
Clone	HyHEL-10.
Isotype	mouse IgG1 kappa.
Specificity/Sensitivity	HEL-specific; neither human nor mouse samples.
Applications	ELISA, flow cytometry, immunoblotting, immunoprecipitation, immunocytochemistry, immunofluorescence, and isotype controls. Reactivity: None of Human, Mouse, and Rat.
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Purification	The recombinant mouse IgG1 isotype control antibody was affinity-purified from supernatant of mammalian cells cultured in a chemically defined medium by affinity-chromatography using protein A and G.
Form Of Antibody	1x PBS.
Purity	>95% by SDS-PAGE under reducing conditions.
Shipping & Storage	The Recombinant Mouse IgG1 Isotype Control Antibody is shipped with ice pack. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. For maximum recovery of the product, centrifuge the original vial after thawing and before removing the cap. 1 month from date of receipt, 2 to 8°C as supplied. 12 months from date of receipt, -20 to -70°C as supplied.

REFERENCES & BACKGROUND

Recombinant mouse IgG isotype control antibodies help minimize non-specific binding of primary and capture antibodies by blocking interactions between antibody Fc fragments and Fc receptors, and preventing non-specific antibody binding to cellular proteins, carbohydrates, and lipids. Normal mouse serum and purified mouse IgGs from normal mouse serum are commonly used as non-specific passive blocking solution for antibody-based immuno-assays.