Rat IgG1 Isotype Control Antibody (Clone: HyHEL-10) | PA007401

Catalog No.: PA007401 | **Isotype:** Rat IgG1 Kappa | **Isotype Control Grade**

Recombinant rat IgG isotype control antibodies: animal free production; lot-to-lot consistency; no binding to human tissues. A mouse Fc blocking reagent or a component of a mouse blocker solution. Recombinant rat IgG antibody mixes are available. For human T cell research, Syd Labs OKT3 antibodies are also available.

Product Specifications

Catalog No.	PA007401
Product Name	Recombinant Rat IgG1 Isotype Control Antibody
Synonyms	Rat IgG1 kappa isotype control, HyHEL-10 control antibody
Clone & Isotype	HyHEL-10 | Rat IgG1 Kappa
Applications	ELISA, flow cytometry, immunoblotting, immunoprecipitation, immunocytochemistry, immunofluorescence, and isotype controls.
Reactivity & Specificity	HEL-specific; neither human nor mouse samples. The recombinant anti-HEL rat IgG1 isotype control antibody binds to neither human nor mouse samples.
Source / Host	The recombinant rat IgG1 isotype control antibody was affinity-purified from supernatant of mammalian cells cultured in a chemically defined medium.
Formulation & Conjugate	1x PBS. Non-conjugated.
Purity	**>95%** by SDS-PAGE under reducing conditions.
Shipping	The Recombinant Rat 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. 12 months from date of receipt, -20 to -70°C as supplied. 1 month from date of receipt, 2 to 8°C as supplied.

Biological Description & Background

PA007401: Recombinant Rat IgG1 Isotype Control Antibody (Clone: HyHEL-10).

The recombinant anti-HEL rat IgG1 isotype control antibody binds to neither human nor mouse samples.

Designed as a negative control for rat IgG1 primary antibodies, clone HyHEL-10 is produced under animal-free conditions in mammalian cells, ensuring exceptional lot-to-lot consistency and high purity. It serves as an ideal control for flow cytometry, ELISA, immunohistochemistry, and other immunological assays where non-specific background staining needs to be evaluated. For human T cell research, Syd Labs OKT3 antibodies are also available.

Ordering & Technical Support

For custom volume ordering or inquiries, please visit the product webpage or contact our support team:

- **Product Webpage:** https://www.ushelf.com/rat-igg1-isotype-control-pa007401/
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5019
- **Support Email:** message@sydlabs.com