Rat IgG2b Isotype Control Antibody (Clone: 12B9) | PA007144

Catalog No.: PA007144 | **Product Name:** In Vivo Grade Recombinant Rat IgG2b Isotype Control Antibody | **In Vivo Grade / Recombinant Antibody**

Recombinant rat IgG2b kappa isotype control and Fc effector silent rat IgG2b kappa isotype control good for in vitro and in vivo studies. Low or no specific binding to mouse samples tested. Mouse variable regions and rat IgG2b kappa constant regions.

Product Specifications

Catalog No.	PA007144
Product Name	In Vivo Grade Recombinant Rat IgG2b Isotype Control Antibody
Synonyms	Recombinant Rat IgG2b Isotype Control, Rat IgG2b Negative Control Antibody, rtIgG2b Isotype Control
Summary	The in vivo grade recombinant rat IgG2b isotype control antibody (rtIgG2b isotype control) was produced in mammalian cells.
Clone	12B9
Isotype	rat IgG2b, kappa
Applications	an isotype-matched negative control for rat IgG2b kappa antibodies 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	N/A.
Source / Host	Mammalian cells / Rat
Formulation	0.2 uM filtered solution of 1x PBS. Non-conjugated.
Endotoxin	Less than 1 EU/mg of protein as determined by LAL method.
Purity	**>95%** by SDS-PAGE under reducing conditions.
Shipping	The recombinant Rat IgG2b 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. 1 month from date of receipt, 2 to 8°C as supplied. 3 months from date of receipt, -20°C to -70°C as supplied.

Biological Description & Background

PA007144: Recombinant Rat IgG2b Isotype Control Antibody (Clone: 12B9), In Vivo Grade.

The in vivo grade recombinant rat IgG2b isotype control antibody (rtIgG2b isotype control) was produced in mammalian cells.

Rat IgG2b isotype control and mutants (natural and engineered rtIgG2b isotype controls) are useful for functional study using animal model among a number of in vitro and in vivo research applications. Rat IgG2b antibodies are more like mouse IgG2a and IgG2b, and human IgG1 antibodies, which are mostly used by the therapeutic antibody drugs. Most of rat antibodies are used to study mouse target proteins.

There are more and more IgG antibody formats with Fc engineered. The format with the Fc silenced, Fc silent, or Fcs with silenced effector function is the most popular. We provide Fc effector-silent rat IgG2b isotype controls.

Please contact us to ask for a quote for the engineered rat IgG2b isotype control mutants, rtIgG2b isotype control and mutants with Avi-, His-, and DYKDDDDK-tags, and biotinylated rtIgG2b isotype control and mutants. A variety of conjugates (such as dyes and fluorophores) with the rat IgG2b isotype control and Fc mutants are available.

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-igg2b-isotype-control-pa007144/

- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com