Hamster IgG1 Isotype Control Antibody (Clone: 12B9) | PA007146

Catalog No.: PA007146 | **Product Name:** In Vivo Grade Recombinant Hamster IgG1 Isotype Control Antibody | **In Vivo Grade / Recombinant Antibody**

Recombinant Armenian hamster IgG1 isotype control and Syrian hamster IgG1 isotype control good for in vitro and in vivo studies. Low or no specific binding to mouse samples tested. Mouse variable regions and hamster IgG1 kappa constant regions.

Product Specifications

Catalog No.	PA007146
Product Name	In Vivo Grade Recombinant Hamster IgG1 Isotype Control Antibody
Synonyms	Recombinant Hamster IgG1 Isotype Control, Hamster IgG1 Negative Control Antibody, Hamster IgG Isotype Control
Summary	The in vivo grade recombinant Armenian hamster IgG1 isotype control antibody (hamster IgG isotype control) was produced in mammalian cells.
Isotype	hamster IgG1, kappa
Applications	an isotype-matched negative control for hamster IgG1 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 / Armenian hamster
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.

Biological Description & Background

PA007146: Recombinant Hamster IgG1 Isotype Control Antibody (Clone: 12B9), In Vivo Grade.

Both Armenian hamster IgG1 isotype control and Syrian hamster IgG1 isotype control (natural and engineered hamster IgG1 isotype controls) are useful for in vivo functional study using mouse and rat research model among a number of in vitro and in vivo research applications from ELISA, Western Blot (WB) to cell-based assays. The amino acid and DNA sequences of hamster IgG antibodies are different from the sequences of mouse and rat antibodies. Most of hamster antibodies are used to study mouse and rat target proteins. The ideal recombinant hamster IgG1 isotype control for in vivo use has low or no specific binding to any mouse and rat sample, and murinized or completely mouse variable regions in addition to the hamster IgG1 kappa constant regions.

There are more and more IgG antibody formats with Fc engineered. The formats with the Fc silenced, Fc silent, or Fcs with silent effector function is the most popular. Thus, we also provide Fc silent effector function hamster IgG isotype controls, including hamster IgG1 and IgG2 kappa isotype controls.

Please contact us to ask for a quote for the Fc silenced hamster IgG1 isotype control mutants, hamster IgG1 isotype control and Fc silent mutants with Avi-, His-, and Flag-tags, and biotinylated hamster IgG1 isotype control and mutants. A variety of conjugates (such as dyes and fluorophores) with the hamster IgG isotype control and Fc effector-silent mutants are available.

The in vivo grade recombinant Armenian hamster IgG1 isotype control antibody (hamster IgG isotype control) was produced in mammalian cells.

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/hamster-igg1-isotype-control-pa007146/
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022

- **Support Email:** message@sydlabs.com