Hamster IgG2 Isotype Control Antibody (Clone: 12B9) | PA007147

Catalog No.: PA007147 | **Product Name:** In Vivo Grade Recombinant Hamster IgG2 Isotype Control Antibody | **In Vivo Grade / Recombinant Antibody**

Recombinant Armenian hamster IgG2 kappa isotype control good for in vitro and in vivo studies. Low or no specific binding to mouse samples tested. Mouse variable regions and Armenian hamster IgG2 kappa constant regions. Silent Fc hamster IgG isotype controls available.

Product Specifications

Catalog No.	PA007147
Product Name	In Vivo Grade Recombinant Hamster IgG2 Isotype Control Antibody
Synonyms	Recombinant Hamster IgG2 Isotype Control, Hamster IgG2 Negative Control Antibody, Hamster IgG Isotype Control
Summary	The in vivo grade recombinant Armenian hamster IgG2 isotype control antibody was produced in mammalian cells.
Isotype	hamster IgG2, kappa
Applications	an isotype-matched negative control for hamster IgG2 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

PA007147: Recombinant Hamster IgG2 Isotype Control Antibody (Clone: 12B9), In Vivo Grade.

The ideal recombinant hamster IgG2 isotype control has low or no specific binding to any mouse and rat sample, and murinized or completely mouse variable regions in addition to the hamster IgG2 kappa constant regions. The amino acid and DNA sequences of mouse IgG antibodies are close to rat sequences but far away from much hamster ones. Most of hamster antibodies are used to study mouse and rat target proteins. Armenian hamster IgG2 isotype control and mutants (natural and engineered IgG2 isotype controls) are useful for functional study using mouse and rat model among a number of in vitro and in vivo research applications including ELISA, Western Blot (WB), and various cell-based assays.

Please contact us to ask for a quote for the engineered hamster IgG2 isotype control mutants, hamster IgG2 isotype control and Fc 'effector-silent' mutants with Avi-, His-, and Flag-tags, and biotinylated hamster IgG2 isotype control and silent Fc mutants. A variety of conjugates (such as dyes and fluorophores) with the hamster IgG2 isotype control and Fc silenced 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/hamster-igg2-isotype-control-pa007147/
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com