Mouse IgG1-D265A Isotype Control Antibody (Clone: 12B9) | PA007135.05

Catalog No.: PA007135.05 | **Product Name:** In Vivo Grade Recombinant Mouse IgG1-D265A Isotype Control Antibody, Endotoxin 0.05 EU/mg | **In Vivo Grade / Fc Silenced Mutant Antibody**

Recombinant mouse IgG1 kappa isotype control and mIgG1 D265A isotype control mutant for in vitro and in vivo studies. Low or no specific binding to mouse samples tested. More choices of recombinant mouse IgG1 isotype controls, including targets, mutants, tags, and conjugates.

Product Specifications

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Product Name	In Vivo Grade Recombinant Mouse IgG1-D265A Isotype Control Antibody, Endotoxin 0.05 EU/mg
Synonyms	Recombinant Mouse IgG1 Isotype Control, Mouse IgG1 Negative Control Antibody, mIgG1 Isotype Control
Summary	The In Vivo Grade Recombinant Mouse IgG1-D265A Isotype Control Antibody, Endotoxin 0.05 EU/mg was produced in mammalian cells.
Isotype	Mouse IgG1-D265A kappa
Applications	An isotype-matched negative control for mouse 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 / Mouse
Formulation	0.2 uM filtered solution of 1x PBS. Non-conjugated.
Endotoxin	< 0.05 EU per 1 mg of protein as determined by LAL method.
Purity	**>95%** by SDS-PAGE under reducing conditions.

Biological Description & Background

PA007135.05: Recombinant Mouse IgG1-D265A Isotype Control Antibody (Clone: 12B9), In Vivo Grade.

Mouse IgG1 isotype control and mutants (natural and engineered mIgG1 isotype controls) are useful for in vitro and in vivo studies from ELISA, Western blot (WB), to cell-based assay to animal model study. The isotypes of mouse IgG antibody reagents used in scientific research and clinical diagnostics are mainly mouse IgG1 kappa. Mouse IgG1 antibodies and engineered mutants are also used in therapeutic drug discovery. Mouse IgG1 antibodies are more like human IgG4 antibodies than human IgG1 antibodies, which behave more like mouse IgG2a or IgG2c antibodies. Many antibody drugs especially those targeting immune checkpoint proteins use the human IgG4 constant regions.

Please contact us to ask for a quote for the Fc silenced mouse IgG1 isotype control mutants, mIgG1 isotype control and mutants with Avi-, His-, and Flag-tags, and biotinylated mIgG1 isotype control and mutants. A variety of conjugates (such as dyes and fluorophores) with the mouse IgG1 isotype control and Fc-silent mutants are available.

Background:
The in vivo grade recombinant mouse IgG1-D265A isotype control antibody (mIgG1 D265A 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/mouse-igg1-d265a-isotype-control-pa007135-05/
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com