Anti-DNP Mouse IgG1 Isotype Control Antibody (Clone: DNP.m1) | PA007158.m1

Catalog No.: PA007158.m1 | **Isotype:** Mouse IgG1 Kappa | **In vivo Grade / Isotype Control**

Recombinant anti-DNP isotype control antibodies and Fc silenced mutants good for in vitro and in vivo studies. Low or no specific binding to human, mouse, and rat samples tested. The variable regions were not humanized in the human antibody versions. Recombinant anti-DNP antibodies as IVD raw materials available. For human T cell research, Syd Labs OKT3 antibodies are also available.

Product Specifications

Catalog No.	PA007158.m1
Product Name	In vivo Grade Recombinant Anti-DNP Mouse IgG1 Isotype Control Antibody
Synonyms	Anti-Dinitrophenyl Isotype Control Antibodies, DiNitroPhenyl Hapten
Clone & Isotype	DNP.m1 | Mouse IgG1 Kappa
Applications	An isotype-matched negative control for anti-DNP 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.
Reactivity & Specificity	Dinitrophenyl (DNP). Low or no specific binding to human, mouse, and rat samples tested.
Source / Host	The in vivo grade recombinant anti-DNP mouse IgG1 kappa isotype control antibody (clone of DNP.m1) was produced in mammalian cells.
Formulation & Conjugate	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 in vivo grade recombinant anti-DNP mouse IgG1 kappa isotype control antibody (clone of DNP.m1) 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 to -70°C as supplied.

Biological Description & Background

PA007158.m1: Recombinant Anti-DNP Mouse IgG1 Isotype Control Antibody (Clone: DNP.m1), In vivo Grade.

The in vivo grade recombinant anti-DNP mouse IgG1 isotype control antibody (mIgG1 isotype control) was produced in mammalian cells.

Designed as an optimal negative control for in vitro and in vivo studies involving mouse IgG1 antibodies, clone DNP.m1 targets the dinitrophenyl (DNP) hapten which is absent in mammalian tissues. Produced under ultra-low endotoxin conditions in mammalian systems, it ensures minimal non-specific background and high reproducibility across animal model research, flow cytometry, ELISA, and immunohistochemistry applications. 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/anti-dnp-mouse-igg1-isotype-control-pa007158-m1/
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5019
- **Support Email:** message@sydlabs.com