FITC-Labeled Cynomolgus IgG1 Kappa Isotype Control (mAb)

Catalog # DNP-FM553

Source

FITC-Labeled Cynomolgus IgG1 Kappa Isotype Control (mAb) is recombinantly expressed in HEK293. It consists of mouse variable regions genetically fused to cynomolgus IgG1 constant domains.

Antibody Type

Recombinant Monoclonal

Clone

AM1

Isotype

Cynomolgus IgG1, Kappa

Host Species

Mouse

Conjugate

FITC

Excitation source: 488 nm spectral line, argon-ion laser

Excitation Wavelength: 488 nm

Emission Wavelength: 535 nm

Specificity

This product is a specific antibody specifically reacts with DNP.

Application

Application	Recommended Use
ELISA	6-60 ng/mL

** Recommended dilutions are for reference only. Optimal working concentrations may vary depending on your consumables, reagents, and assay conditions. We recommend optimizing for your specific system. No warranty is made regarding performance at any specific dilution.*

Purification

Protein A purified.

Concentration

Please refer to the Certificate of Analysis (CoA).

Form

Lyophilized

Formulation

Lyophilized from a 0.22 μm-filtered solution in PBS (pH 7.4) containing 0.01% PF68, with trehalose as protectant.

Please contact us for customized product forms or formulations.

Reconstitution

Please refer to the Certificate of Analysis (CoA) for specific instructions.

Shipping

Lyophilized product is shipped at ambient temperature.

Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please protect from light and avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;

- -70°C for 3 months under sterile conditions after reconstitution.

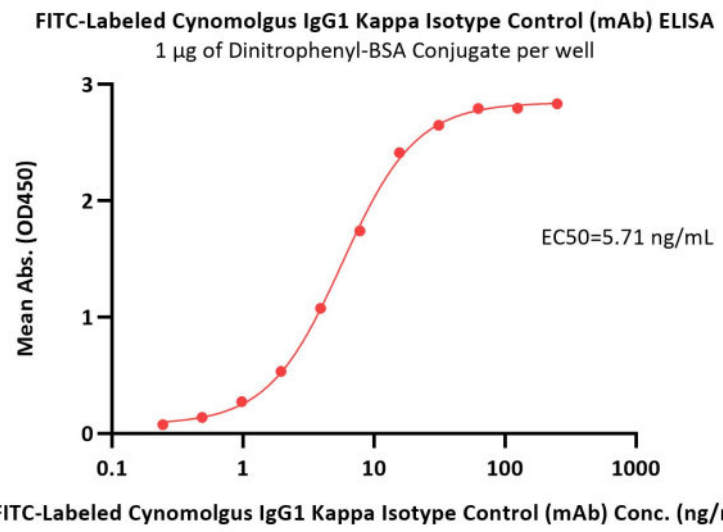
Notices

Product Specific Notices: For research use only.

ACRO Quality Management System

- QMS(ISO, GMP)
- Quality Advantages
- Quality Control Process

Activity-ELISA



Immobilized Dinitrophenyl-BSA Conjugate at 10 μg/mL (100 μL/well) can bind FITC-Labeled Cynomolgus IgG1 Kappa Isotype Control (mAb) (Cat. No. DNP-FM553) with a linear range of 0.2-16 ng/mL (QC tested).

Background

The FITC-conjugated cynomolgus IgG1 kappa isotype control is a recombinant antibody expressed in HEK cells. Lacking specificity for target antigens, it serves as an essential negative control in flow cytometry and immunofluorescence assays. It helps researchers accurately differentiate specific antibody binding from non-specific background fluorescence in cynomolgus macaque preclinical models.

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