

Anti-Rat IgG (H&L) (Fluorescein Conjugated) Pre-Adsorbed Secondary Antibody

Goat Polyclonal, Fluorescein (FITC) Catalog # ASR2791

Specification

Host

Physical State

Target Isotype

Host Isotype

Immunogen

Preservative

Reconstitution Volume

Reconstitution Buffer

Buffer

Anti-Rat IgG (H&L) (Fluorescein Conjugated) Pre-Adsorbed Secondary Antibody - Product **Information**

Description Anti-RAT IgG (H&L) (GOAT) Antibody

Fluorescein Conjugated (Min X Bv Ch Gt GP

Ham Hs Hu Ms Rb & Sh Serum Proteins)

Goat

Fluorescein (FITC) Conjugate

FP Value 3.1 moles Fluorescein (FITC) per mole of

> IqG Rat

Target Species Clonality **Polyclonal** Application IF, FC

Application Note FLISA 1:10,000-1:50,000; IF Microscopy

1:1,000-1:5,000;FlowCytometry

1:500-1:2,500 Lyophilized

IqG

IgG (H&L)

0.02 M Potassium Phosphate, 0.15 M

Sodium Chloride, pH 7.2 Rat IgG whole molecule

1.0 mL

Restore with deionized water (or

equivalent)

Stabilizer 10 mg/mL Bovine Serum Albumin (BSA) -

Immunoglobulin and Protease free

0.01% (w/v) Sodium Azide

Anti-Rat IgG (H&L) (Fluorescein Conjugated) Pre-Adsorbed Secondary Antibody -**Additional Information**

Shipping Condition Ambient

Purity

Rat IgG (H&L) Antibody Fluorescein Conjugated (Pre-Adsorbed) was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum, Rat IgG, Rat IgG F(ab')2 F(c) and Rat Serum. No reaction was observed against Rat IgG F(ab')2 F(c) or Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit and Sheep Serum Proteins. Specificity was confirmed by ELISA at less than 1% cross reactivity against other mouse or human heavy or light chain isotypes.

Storage Condition



Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

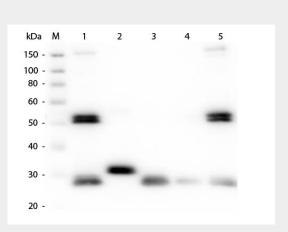
Anti-Rat IgG (H&L) (Fluorescein Conjugated) Pre-Adsorbed Secondary Antibody - Protein Information

Anti-Rat IgG (H&L) (Fluorescein Conjugated) Pre-Adsorbed Secondary Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-Rat IgG (H&L) (Fluorescein Conjugated) Pre-Adsorbed Secondary Antibody - Images



Western Blot of Anti-Rat IgG (H&L) (GOAT) Antibody (Min X Bv Ch Gt GP Ham Hs Hu Ms Rb & Sh Serum Proteins) . Lane M: 3 μ l Molecular Ladder. Lane 1: Rat IgG whole molecule . Lane 2: Rat IgG F(c) Fragment . Lane 3: Rat IgG F(ab) Fragment . Lane 4: Rat IgM Whole Molecule . Lane 5: Rat Serum . All samples were reduced. Load: 50 ng per Iane. Block: MB-070 for 30 min at RT. Primary Antibody: Anti-Rat IgG (H&L) (GOAT) Antibody (Min X Bv Ch Gt GP Ham Hs Hu Ms Rb & Sh Serum Proteins) 1:1,000 for 60 min at RT. Secondary Antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody 1:40,000 in MB-070 for 30 min at RT. Predicted/Obsevered Size: 25 and 55 kDa for Rat IgG and Serum, 25 kDa for F(c) and F(ab), 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.





Western Blot of Goat anti-Rat IgG Fluorescein Conjugated Antibody. Lane 1: Rat IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Fluorescein goat secondary antibody at 1:1,000 for 60 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 28 & 55 kDa, 55 kDa for Rat IgG. Other band(s): None.

Anti-Rat IgG (H&L) (Fluorescein Conjugated) Pre-Adsorbed Secondary Antibody - Background

Rat IgG (H&L) Antibody Fluorescein Conjugated (Pre-Adsorbed) is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.