

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

Goat Polyclonal, R-Phycoerythrin (RPE)
Catalog # ASR3108

Specification

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

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

Phycoerythrin conjugated Min X Bv Ch Gt

GP Ham Hs Hu Ms Rb and Sh Serum

Proteins

Host Goat
Conjugate R-Phycoerythrin (RPE)

Target Species Rat
Reactivity Rat
Clonality Polyclonal

Application IF, FC

Application Note IF Microscopy 1:100-1:250; Flow Cytometry

1:100-1:250;FLOW1:100-1:250

Physical State Lyophilized

Host Isotype IgG

Target Isotype IgG (H&L)

Buffer 0.02 M Potassium Phosphate, 0.15 M

Sodium Chloride, pH 7.2

Immunogen Anti-Rat IgG whole molecule was produced

by repeated immunization with Rat IgG

whole molecule in goat.

Reconstitution Volume 1.0 mL

Reconstitution Buffer Restore with deionized water (or

equivalent)

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

Immunoglobulin and Protease free

Preservative 0.01% (w/v) Sodium Azide

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

Shipping Condition

Ambient

Purity

This product 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-Phycoerythrin, anti-Goat Serum, Rat IgG and Rat Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit and Sheep Serum Proteins.

Storage Condition

Store vial at 4° C prior to opening. Dilute only prior to immediate use. Do not freeze after



reconstitution. Store reagent in the dark. This product is stable at 4° C as an undiluted liquid. Use subdued lighting during handling and incubation of cells prior to analysis.

Precautions Note

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

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

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

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

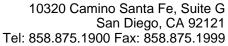
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-Rat IgG (H&L) (Phycoerythrin 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.

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





Anti-Rat IgG whole molecule antibody generated in goat detects specifically Rat IgG whole molecule. This secondary antibody anti-Rat is ideal for investigators who routinely perform immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels.