

# Anti-RAT IgG (H&L) Pre-adsorbed Secondary Antibody

Rabbit Polyclonal, Unconjugated Catalog # ASR1433

#### **Specification**

#### Anti-RAT IgG (H&L) Pre-adsorbed Secondary Antibody - Product Information

Description Anti-RAT IgG (H&L) (RABBIT) Antibody (Min

X Human Serum Proteins)

Host Rabbit

Conjugate Unconjugated

Target Species Rat Reactivity Rat

Clonality Polyclonal Application WB, E, IC

Application Note ELISA 1:20,000-1:300,000; Western Blot

1:2,000-1:10,000;Immunochemistry

1:1,000-1:5,000

Physical State Liquid (sterile filtered)

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 (H&L) was produced by

repeated immunization with rat IgG whole

molecule in rabbit

Stabilizer None

Preservative 0.01% (w/v) Sodium Azide

#### Anti-RAT IgG (H&L) Pre-adsorbed Secondary Antibody - Additional Information

#### **Shipping Condition**

Wet Ice

## **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-Rabbit Serum, Rat IgG and Rat Serum. No reaction was observed against Human Serum Proteins.

#### **Storage Condition**

Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.

#### **Precautions Note**

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

## Anti-RAT IgG (H&L) Pre-adsorbed Secondary Antibody - Protein Information

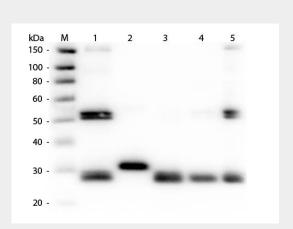


#### Anti-RAT IgG (H&L) Pre-adsorbed Secondary Antibody - Protocols

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) Pre-adsorbed Secondary Antibody - Images



Western Blot of Anti-Rat IgG (H&L) (RABBIT) Antibody (Min X Human Serum Proteins) . Lane M: 3  $\mu$ 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 lane. Block: MB-070 for 30 min at RT. Primary Antibody: Anti-Rat IgG (H&L) (RABBIT) Antibody (Min X Human Serum Proteins) 1:1,000 for 60 min at RT. Secondary Antibody: Anti-Rabbit IgG (GOAT) 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) Pre-adsorbed Secondary Antibody - Background

Anti-Rat IgG (H&L) antibody generated in rabbit detects specifically rat IgG (H&L). This secondary antibody anti-Rat is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.