

Anti-Rat IgG (H&L) (Alkaline Phosphatase Conjugated) Pre-Adsorbed Secondary Antibody
Antibody
Donkey Polyclonal, Alkaline Phosphatase (Calf Intestine)
Catalog # ASR3109

Specification

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

Description	Anti-RAT IgG (H&L) (DONKEY) Antibody Alkaline Phosphatase Conjugated (Min X Bv Ch Gt GP Ham Hs Hu Ms Rb & Sh Serum Proteins)
Host	Donkey
Conjugate	Alkaline Phosphatase (Calf Intestine)
Target Species	Rat
Clonality	Polyclonal
Application	WB, IHC, E
Application Note	ELISA 1:2,000-1:10,000;Western Blot 1:500-1:2,500;Immunohistochemistry 1:200-1:1,000
Physical State	Liquid (sterile filtered)
Host Isotype	IgG
Target Isotype	IgG (H&L)
Buffer	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0
Immunogen	Rat IgG whole molecule
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide

Anti-Rat IgG (H&L) (Alkaline Phosphatase Conjugated) 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-Alkaline Phosphatase (calf intestine), anti-Donkey 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 before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.

Precautions Note

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

**Anti-Rat IgG (H&L) (Alkaline Phosphatase Conjugated) Pre-Adsorbed Secondary Antibody
- Protein Information****Anti-Rat IgG (H&L) (Alkaline Phosphatase 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](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Rat IgG (H&L) (Alkaline Phosphatase Conjugated) Pre-Adsorbed Secondary Antibody
- Images**

Western Blot of Anti-Rat IgG (H&L) (DONKEY) 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 lane. Block: MB-070 for 30 min at RT. Primary Antibody: Anti-Rat IgG (H&L) (DONKEY) Antibody (Min X Bv Ch Gt GP Ham Hs Hu Ms Rb & Sh Serum Proteins) 1:10,000 for 60 min at RT. Secondary Antibody: Anti-Donkey IgG (GOAT) Peroxidase Conjugated Antibody 1:40,000 in MB-070 for 30 min at RT. Predicted/Observed 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.