

# Anti-Mouse IgG (H&L) in goat, rhodamine conjugate

## Description

Polysciences' anti-Mouse IgG (H&L) in goat, rhodamine conjugate, is suitable for immunomicroscopy and flow cytometry, as well as other antibody-based fluorescent assays requiring lot-to-lot consistency. We recommend that each investigator determine the actual optimum dilution for a given antibody or antibody conjugate for each specific assay used. Enzyme conjugates of affinity-purified antibodies are supplied with lot-specific recommended dilutions. Products without specifically stated dilutions should be used according to the following information.

<u>Conjugate</u>	<u>ELISA</u>	<u>Blotting</u>	<u>Flow</u>	<u>Tissue</u>
Fluorescein	nd	nd	1:50 - 1:200	1:200 - 1:1000
Rhodamine, Texas Red	nd	nd	1:50 - 1:200	1:200 - 1:1000
Biotin	1:5k - 1:20k	1:3k - 1:10k	nd	1:100 - 1:1000
Peroxidase	1:40k - 1:10k	1:2k - 1:5k	nd	1:200 - 1:2000
Alkaline phosphatase	1:1k - 1:2k	1:500 - 1:1k	nd	1:100 - 1:1000

## Characteristics

Physical State:	Lyophilized
Antibody Concentration:	2.0 mg/ml (by UV absorbance at 280nm)
Label:	Tetramethylrhodamine isothiocyanate (TRITC) (Molecular Weight 444 daltons)
Absorption Wavelength:	555nm
Emission Wavelength:	570nm
Fluorochrome/Protein Ratio:	2.8 moles TRITC per mole of Goat IgG
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride (pH 7.2)
Stabilizer:	10 mg/ml Bovine Serum Albumin (BSA) IgG and Protease free
Preservative:	0.01% (w/v) Sodium Azide
Immunogen:	Mouse IgG whole molecule

## Recommended Dilution(s)

Not specified. The researcher should determine optimal titers for other applications.

## Purity

This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat serum, Mouse IgG and Mouse Serum.

## Storage and Stability

Store at 4°C prior to restoration. Restore with 1.0ml of deionized water (or equivalent). For extended storage, mix product with 50% glycerol and then 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. Expiration date is one (1) year from date of restoration.

**This product is for research use only and is not intended for use in humans or for *in vitro* diagnostic use.**

**Ordering Information**

<b>Cat. Number</b>	<b>Description</b>	<b>Size</b>
23793-2	Anti-Mouse IgG (H&L) in goat, rhodamine conjugate	2mg

**To Order**

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In The U.S. FAX: 1-800-343-3291 • 215-343-0214

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