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TECHNICAL DATA SHEET 820

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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.

Should any of our materials fail to perform to our specifications, we will be pleased to provide replacements or return the purchase price. We solicit your inquiries concerning all needs for life sciences work. The information given in this bulletin is to the best of our knowledge accurate, but no warranty is expressed or implied. It is the user's responsibility to determine the suitability for their own use of the products described herein, and since conditions of use are beyond our control, we disclaim all liability with respect to the use of any material supplied by us. Nothing contained herein shall be construed as a recommendation to use any product or to practice any process in violation of any law or any government regulation.

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Ordering Information

Cat. NumberDescriptionSize23793-2Anti-Mouse IgG (H&L) in goat, rhodamine conjugate2mg

To Order

In The U.S. Call: 1-800-523-2575 • 215-343-6484 In The U.S. FAX: 1-800-343-3291 • 215-343-0214

In Germany Call: (49) 6221-765767 In Germany FAX: (49) 6221-764620

Order online anytime at www.polysciences.com.