



## CELL LAB Goat Anti-Mouse IgG ( $\gamma$ chain specific)

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
731832	Purified (UNLB) Antibody	1.0 mg
731833	Fluorescein (FITC) Conjugate	1.0 mg
731834	Rhodamine (TRITC) Conjugate	1.0 mg
731835	Alkaline Phosphatase (AP) Conjugate	1.0 mL
731836	Horseradish Peroxidase (HRP) Conjugate	1.0 mL
731837	$\beta$ -galactosidase (BGAL) Conjugate	1.0 mL
731838	Texas Red <sup>®</sup> (TXRD) Conjugate	1.0 mg
731839	Biotin (BIOT) Conjugate	1.0 mg
731840	Phycoerythrin (PE) Conjugate	0.5 mg
731841	Phycoerythrin (PE) Conjugate	0.25 mg

### For Laboratory Use Only

#### DESCRIPTION

- Source:** Pooled antisera from goats hyperimmunized with mouse IgG paraproteins.
- Cross Absorption:** Mouse IgM and IgA, pooled human sera and purified human paraproteins.
- Purification:** Affinity chromatography on pooled mouse IgG covalently linked to agarose.
- Specificity:** Reacts with the heavy chain of mouse IgG1, IgG2a, IgG2b and IgG3 as demonstrated by ELISA and flow cytometry. Minimal cross reactivity with human immunoglobulins.

#### APPLICATIONS

- Indirect immunostaining in conjunction with mouse monoclonal antibodies
- Enzyme-Linked Immunosorbent Assay (ELISA)
- Immunoblotting

#### CHARACTERIZATION

To ensure lot-to-lot consistency, each batch of product is tested to conform with characteristics of a standard reference reagent using ELISA and/or flow cytometry.

#### WORKING DILUTIONS

<b>Immunofluorescence:</b>	FITC, TRITC, TXRD, and BIOT conjugates	$\leq 1 \mu\text{g}/10^6$ cells
	PE conjugates	$\leq 0.1 \mu\text{g}/10^6$ cells
<b>ELISA:</b>	AP conjugate	1:2,000-1:4,000
	HRP conjugate	1:4,000-1:8,000
	BGAL conjugate	1:500
	BIOT conjugate	1:5,000-1:20,000

**Other Applications:** Since applications vary, determine the optimum working dilution of the product that is appropriate for your specific needs.

## HANDLING AND STORAGE

- The purified (UNLB) antibody is supplied as 1.0 mg of purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added.
- The fluorescein (FITC), rhodamine (TRITC), and Texas Red (TXRD) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/NaN<sub>3</sub>.
- The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL of PBS/NaN<sub>3</sub>.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50 mM Tris/1 mM MgCl<sub>2</sub>/50% glycerol, pH 8.0, containing 0.1% NaN<sub>3</sub> as preservative.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS, pH 7.4. No preservative added.
- The β-galactosidase (BGAL) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS/NaN<sub>3</sub> as preservative.
- The phycoerythrin (PE) conjugates are supplied as 0.5 mg in 1.0 mL or 0.25 mg in 0.5 mL of PBS/NaN<sub>3</sub> and a stabilizing agent.
- Protect fluorochrome-conjugated forms from light. Do not freeze.
- Reagent is stable until the expiration date on the vial when stored at 2-8°C.

## STATEMENT OF WARNINGS

1. Specimens, samples and all material coming in contact with them should be handled as if capable of transmitting infection and disposed of with proper precautions.
2. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
3. Do not use reagent beyond the expiration date on the vial label.
4. Minimize exposure of reagent to light during storage or incubation.
5. Avoid microbial contamination of reagent or erroneous results may occur.
6. Use Good Laboratory Practice (GLP) when handling this reagent.
7. Harmful if swallowed.
8. After contact with skin, wash immediately with plenty of water.
9. Contains sodium azide. Sodium azide under acidic conditions yields hydrazoic acid, an extremely toxic compound. Azide compounds should be flushed with running water while being discarded. These precautions are recommended to avoid deposits in metal piping in which explosive conditions can develop. If skin or eye contact occurs, immediately wash excessively with water.

## TRADEMARKS

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For additional information or if damaged product is received, contact your local Beckman Coulter Representative.



Manufactured for:  
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