



## CELL LAB Goat Anti-Rabbit IgG (H+L chain specific) Absorbed against human and mouse immunoglobulins

Cat. No.	Form	Quantity
732744	Purified (UNLB) Antibody	1.0 mg
732745	Fluorescein (FITC) Conjugate	1.0 mg
732746	Rhodamine (TRITC) Conjugate	1.0 mg
732747	Alkaline Phosphatase (AP) Conjugate	1.0 mL
732748	Horseradish Peroxidase (HRP) Conjugate	1.0 mL
732749	Texas Red® (TXRD) Conjugate	1.0 mg
732750	Biotin (BIOT) Conjugate	1.0 mg
732751	Phycoerythrin (PE) Conjugate	0.5 mg
732752	Phycoerythrin (PE) Conjugate	0.25 mg
732754	Spectral Red™ (SPRD) Conjugate	0.25 mg
734860	Allophycocyanin (APC) Conjugate	0.5 mg
734877	Allophycocyanin (APC) Conjugate	0.25 mg

### For Laboratory Use Only

#### DESCRIPTION

- Source:** Pooled antisera from goats hyperimmunized with normal rabbit IgG.
- Cross Absorption:** Pooled human sera, purified human paraproteins, pooled mouse sera, and pooled mouse plasmacytoma/hybridoma proteins.
- Purification:** Affinity chromatography on pooled IgG covalently linked to agarose.
- Specificity:** Reacts with the heavy and light chains of rabbit IgG, and with the light chains of rabbit IgM and IgA as demonstrated by ELISA and flow cytometry.  
Minimal cross-reactivity with human and mouse immunoglobulins.

#### APPLICATIONS

- Direct and indirect immunofluorescent staining
- Enzyme-Linked Immunosorbent Assay (ELISA)
- Immunoblotting
- Immunohistochemistry

#### CHARACTERIZATION

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

#### WORKING DILUTIONS

<b>Immunofluorescence:</b>	FITC, TRITC and TXRD conjugates	$\leq 1 \mu\text{g}/10^6$ cells
	BIOT conjugate	$\leq 1 \mu\text{g}/10^6$ cells
	PE conjugate	$\leq 0.1 \mu\text{g}/10^6$ cells
	SPRD and APC 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
	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 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 biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL of PBS/NaN<sub>3</sub>.
- The phycoerythrin (PE) and allophycocyanin (APC) 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.
- The Spectral Red (SPRD) conjugate is supplied as 0.25 mg in 1.0 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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