



CELL LAB Goat Anti-Rat IgM+IgG (H+L chain specific)

Absorbed against mouse immunoglobulins

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
732644	Purified (UNLB) Antibody	1.0 mg
732645	Fluorescein (FITC) Conjugate	1.0 mg
732646	Rhodamine (TRITC) Conjugate	1.0 mg
732647	Alkaline Phosphatase (AP) Conjugate	1.0 mL
732648	Horseradish Peroxidase (HRP) Conjugate	1.0 mL
732649	Texas Red® (TXRD) Conjugate	1.0 mg
732650	Biotin (BIOT) Conjugate	1.0 mg
732651	Phycoerythrin (PE) Conjugate	0.5 mg
732652	Phycoerythrin (PE) Conjugate	0.25 mg
734815	Allophycocyanin (APC) Conjugate	0.5 mg
734820	Allophycocyanin (APC) Conjugate	0.25 mg

For Laboratory Use Only

DESCRIPTION

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

Immunofluorescence:	FITC, TRITC and TXRD conjugates	≤1 µg/10 ⁶ cells
	BIOT conjugate	≤1 µg/10 ⁶ cells
	PE and APC conjugates	≤0.1 µg/10 ⁶ cells
ELISA:	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/NaN₃.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50 mM Tris/ 1 mM MgCl₂/50% glycerol, pH 8.0, containing 0.1% NaN₃ 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/NaN₃.
- 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/NaN₃ 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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Printed in USA
Made in USA

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PN 734015-B