



CELL LAB Goat Anti-Mouse IgA (α chain specific)

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
731863	Purified (UNLB) Antibody	1.0 mg
731864	Alkaline Phosphatase (AP) Conjugate	1.0 mL
731865	Horseradish Peroxidase (HRP) Conjugate	1.0 mL
731866	Biotin (BIOT) Conjugate	1.0 mg
736931	Fluorescein (FITC) Conjugate	0.5 mg
732300	Rhodamine (TRTC) Conjugate	0.5 mg
736944	Texas Red [®] (TXRD) Conjugate	0.5 mg
732311	Phycoerythrin (PE) Conjugate	0.25 mg

For Laboratory Use Only

DESCRIPTION

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

APPLICATIONS

- 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

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

Immunofluorescence:	FITC, TRITC and TXRD conjugates	$\leq 1 \mu\text{g}/10^6$ cells
	PE conjugate	$\leq 0.1 \mu\text{g}/10^6$ cells

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 0.5 mg in 1.0 mL of PBS/NaN₃.
- The phycoerythrin (PE) conjugate is supplied as 0.25 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent.
- 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.
- The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL of PBS/NaN₃.
- 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

The Beckman Coulter logo is a trademark of Beckman Coulter, Inc.
Texas Red is a trademark of Molecular Probes, Inc.

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



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