



## CELL LAB Mouse Anti-Human IgA1 ( $\alpha$ 1 chain specific)

Cat. No.	Form	Quantity
733192	Purified (UNLB) Antibody	0.5 mg
733193	Alkaline Phosphatase (AP) Conjugate	1.0 mL
733194	Horseradish Peroxidase (HRP) Conjugate	1.0 mL
733195	Biotin (BIOT) Conjugate	0.5 mg
736421	Fluorescein (FITC) Conjugate	0.5 mg
736433	Phycoerythrin (PE) Conjugate	0.1 mg

**For Research Use Only. Not for use in diagnostic procedures.**

### DESCRIPTION

**Clone:** B3506B4  
**Isotype:** Mouse IgG1 $\kappa$   
**Source:** Ascites fluid  
**Specificity:** Reacts with the Fc portion of the heavy chain of human IgA1 as demonstrated by ELISA.

### APPLICATIONS

- Enzyme-Linked Immunosorbent Assay (ELISA)
- Western blotting
- Dot- and slot-immunoblotting
- Immunohistochemistry (frozen sections)
- Immunocytochemistry

### CHARACTERIZATION

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

### WORKING DILUTIONS

**Immunofluorescence:** FITC conjugate  $\leq 1 \mu\text{g}/10^6$  cells  
PE conjugate  $\leq 0.2 \mu\text{g}/10^6$  cells

**ELISA:** AP conjugate 1:500-1:1,000  
HRP conjugate 1:1,000-1:2,000  
BIOT conjugate 1:1,000-1:2,000

**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 0.5 mg of purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.0. No preservatives or amine-containing buffer salts added.

- 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 fluorescein (FITC) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN<sub>3</sub>.
- The phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent.
- 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 0.5 mg in 1.0 mL of PBS/NaN<sub>3</sub>.
- 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.

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



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