



CELL LAB Goat F(ab')₂ Anti-Mouse IgM+IgG+IgA (H+L)

Cat. No.	Form	Quantity
731761	Purified (UNLB) Antibody	0.5 mg
731762	Fluorescein (FITC) Conjugate	0.5 mg
731763	Biotin (BIOT) Conjugate	0.5 mg
731764	Phycoerythrin (PE) Conjugate	0.25 mg
731765	Allophycocyanin (APC) Conjugate	0.25 mg
731766	Spectral Red™ (SPRD) Conjugate	0.25 mg
736763	Alkaline Phosphatase (AP) Conjugate	1.0 mL
736792	Horseradish Peroxidase (HRP) Conjugate	1.0 mL
736798	Cyanine 5 (Cy™5) Conjugate	0.5 mg
732213	Phycoerythrin-Cyanine 5.5 (PE-Cy™5.5) Conjugate	0.25 mg

For Laboratory Use Only

DESCRIPTION

Source: Pepsin digest of goat anti-mouse Ig (H+L).
Cross Absorption: Pooled human sera and purified human paraproteins.
Purification: Gel filtration chromatography of pepsin digested antibody.
Specificity: Reacts with the heavy and light chains of mouse IgM, IgG1, IgG2a, IgG2b, IgG3, and IgA as demonstrated by ELISA and flow cytometry. Minimal cross-reactivity with human immunoglobulins.

APPLICATIONS

- Indirect immunofluorescent staining in conjunction with mouse monoclonal antibodies
- Enzyme-Linked Immunosorbent Assay (ELISA)
- Western blotting
- Dot- and slot-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 conjugate	≤1 µg/10 ⁶ cells
BIOT conjugate	≤1 µg/10 ⁶ cells
PE, APC, SPRD, Cy5 and PE-Cy5.5 conjugates	≤0.1 µg/10 ⁶ cells

ELISA:

BIOT conjugate	1:5,000-1:20,000
AP conjugate	1:2,000-1:4,000
HRP conjugate	1:4,000-1:8,000

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 8.2. No preservatives or amine-containing buffer salts added.
- The fluorescein (FITC) and Cyanine 5 (Cy5) conjugates are supplied as 0.5 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 0.5 mg in 1.0 mL PBS/NaN₃.
- The phycoerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 0.25 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent.
- The Spectral Red (SPRD) and phycoerythrin-Cyanine 5.5 (PE-Cy5.5) conjugates are supplied as 0.25 mg in 1.0 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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Manufactured for:
Beckman Coulter, Inc.
4300 N. Harbor Blvd.
Fullerton, CA 92835
www.beckmancoulter.com

Printed in USA
Made in USA

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PN 733814-B