



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

Cat. No.	Form	Quantity
732548	Purified (UNLB) Antibody	0.5 mg
732549	Fluorescein (FITC) Conjugate	0.5 mg
732550	Biotin (BIOT) Conjugate	0.5 mg
732551	Phycoerythrin (PE) Conjugate	0.25 mg

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

DESCRIPTION

Source: Pepsin digest of goat anti-human Ig.
Cross Absorption: N/A
Purification: Gel filtration chromatography of pepsin digested antibody.
Specificity: Reacts with the heavy and light chains of human IgM, IgG and IgA, and with the light chains of human IgD as demonstrated by ELISA and flow cytometry. May also react with immunoglobulin from other species.

APPLICATIONS

- Direct immunofluorescent staining of Ig⁺ human B lymphocytes
- 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/10⁶ cells
BIOT conjugate ≤1 µg/10⁶ cells
PE conjugate ≤0.1 µg/10⁶ cells

ELISA: 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 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) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃.

- The biotin (BIOT) conjugate is 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.
- 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.



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