



## CELL LAB Goat F(ab) Anti-Rat IgM+IgG (H+L chain specific) Absorbed against mouse immunoglobulins

Cat. No.	Form	Quantity
734810	Purified (UNLB) Antibody	0.5 mg
732643	Biotin (BIOT) Conjugate	0.5 mg

### For Laboratory Use Only

#### DESCRIPTION

**Source:** Papain digest of goat anti-rat Ig(H+L).  
**Cross Absorption:** Pooled mouse sera and purified mouse paraproteins.  
**Purification:** Gel filtration chromatography of papain digested antibody.  
**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:** BIOT conjugate  $\leq 1 \mu\text{g}/10^6$  cells

**ELISA:** BIOT conjugate 1:2,500-1:15,000

**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 biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/ $\text{NaN}_3$ .
- 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. Avoid microbial contamination of reagent or erroneous results may occur.
5. Use Good Laboratory Practice (GLP) when handling this reagent.
6. Harmful if swallowed.
7. After contact with skin, wash immediately with plenty of water.
8. 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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