



Cell Lab Goat Anti-Bovine IgG (H+L)

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
732833	Purified (UNLB) Antibody	1.0 mg
732834	Fluorescein (FITC) Conjugate	1.0 mg
732835	Alkaline Phosphatase (AP) Conjugate	1.0 mL
732836	Horseradish Peroxidase (HRP) Conjugate	1.0 mL

For Laboratory Use Only

DESCRIPTION

- Source:** Pooled antisera from goats hyperimmunized with bovine IgG.
- Cross Absorption:** NA
- Purification:** Affinity chromatography on bovine IgG covalently linked to Sepharose-4B.
- Specificity:** Reacts with the heavy and light chains of bovine IgG as demonstrated by ELISA. May also react with the light chains of other bovine immunoglobulins.

APPLICATIONS

- Immunofluorescent staining
- Particle concentration fluorescence immunoassay (PCFIA)
- 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 and Particle Concentration Fluorescence Immunoassay.

WORKING DILUTIONS

- Immunofluorescence:** FITC conjugate $\leq 1 \mu\text{g}/10^6$ cells
- ELISA:** 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 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) conjugate is supplied as 1.0 mg in 1.0 mL of PBS/ NaN_3 .

- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% 50 mM Tris, 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.
- 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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