



CELL LAB Donkey Anti-Rat IgG (H+L)

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
732977	Purified (UNLB) Antibody	1.0 mg
732978	Fluorescein (FITC) Conjugate	1.0 mg
732979	Alkaline Phosphatase (AP) Conjugate	1.0 mL
732980	Horseradish Peroxidase (HRP) Conjugate	1.0 mL
732981	Biotin (BIOT) Conjugate	1.0 mg
732982	Phycoerythrin (PE) Conjugate	0.5 mg

For Laboratory Use Only

DESCRIPTION

Source: Pooled antisera from donkeys hyperimmunized with rat IgG.
Cross Absorption: Minimal cross-reaction to mouse serum proteins.
Purification: Affinity chromatography on rat IgG covalently linked to Sepharose-4B.
Specificity: Reacts with the heavy and light chains of rat IgG as demonstrated by ELISA. May also react with the light chains of other rat immunoglobulins.

APPLICATIONS

- Immunofluorescent staining
- 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
BIOT conjugate	$\leq 1 \mu\text{g}/10^6$ cells
PE conjugate	$\leq 0.1 \mu\text{g}/10^6$ cells

ELISA:

AP conjugate	1:2,000-1:4,000
HRP conjugate	1:4,000-1:8,000
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 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/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 preservatives added.
- The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL of PBS/NaN₃.
- The phycoerythrin (PE) conjugate is supplied as 0.5 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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