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Product Specifications

Product: Alkaline Phosphatase-conjugated AffiniPure Goat Anti-Mouse IgG, F(ab')₂ Fragment Specific

Code Number: 115-055-006

Lot Number: 90512

Physical State: Freeze-dried solid

Size: 1.0 ml

Phycobiliprotein Concentration: 0.7 mg/ml (determined by absorption = 82.0 at 566 nm for a 1% solution for only those R-PE molecules to which at least one molecule of active antibody is bound)

Suggested Dilution Range: 1:50 - 1:200 for most applications

Phycoerythrin: Purified from seaweed
Amax = 490 nm, 545 nm, and 566 nm; Emax = 580 nm

Buffer: 0.01M Tris-HCl, 0.25M NaCl, pH 8.0

Stabilizer: 15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)

Preservative: 0.05% Sodium Azide

Reconstitution and Storage: Store freeze-dried powder at 2-8° C. When ready to use, rehydrate with 1.0 ml dH₂O and centrifuge if not clear. Product is stable for about 6 weeks at 2-8°C as an undiluted liquid. Prepare working dilution fresh each day. For extended storage after rehydration, add an equal volume of glycerol (ACS grade or better) for a final concentration of 50%, and store at -20°C as a liquid. Note: adding glycerol reduces the stated protein concentration and dilution range by one-half. ***Expiration date:*** one year from date of rehydration. The expiration date may be extended if test results are acceptable for the intended use.

Purity: The antibody was purified from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.

Antibody Specificity: Based on immunoelectrophoresis and/or ELISA, the antibody reacts with the F(ab')₂/Fab portion of human IgG. It also reacts with the light chains of other human immunoglobulins. No antibody was detected against the Fc portion of human IgG or against non-immunoglobulin serum proteins. The antibody may cross-react with immunoglobulins from other species.

Country of Origin: USA

Note: For *in vitro* research use only, not for diagnostic or therapeutic use. This product is not a medical device.