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## **Product Specifications**

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

**Code Number:** 115-055-006

**Lot Number:** 90512

**Physical State:** Freeze-dried solid

**Size:** 1.0 ml

**Antibody Concentration:** 0.7 mg/ml

**Suggested Dilution Range:** 1:5,000 - 1:50,000 for ELISA and Western blotting

**Alkaline Phosphatase:** Purified from calf intestine

**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 dH<sub>2</sub>O 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')<sub>2</sub>/Fab portion of mouse IgG. It also reacts with the light chains of other mouse immunoglobulins. No antibody was detected against the Fc portion of mouse 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.