Product Specifications

**Product**: Alexa Fluor® 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L) (minimal cross-reaction to Human, Mouse, and Rat Serum Proteins)

**Code Number**: 111-545-144

**Lot Number**: 108520

**Physical State**: Freeze-dried solid

**Size**: 1.0 mg (This product has been overfilled to ensure total recovery of stated quantity.)

**Antibody Concentration**: 1.5 mg/ml

**Suggested Dilution Range**: 1:100 - 1:800 for most applications

**Fluorophore**: Alexa Fluor® 488 carboxylic acid

Amax=493; Emax=519

**Fluorophore/Protein Absorbance Ratio**: A493/A280 = 1.90

**Buffer**: 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6

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

**Preservative**: 0.05% Sodium Azide

**Storage and Rehydration**: Store freeze-dried solid at 2-8°C. Rehydrate with 0.75 ml dH₂O and centrifuge if not clear. Prepare working dilution on day of use. Product is stable for about 6 weeks at 2-8°C as an undiluted liquid.

**Extended Storage after Rehydration**: Aliquot and freeze at -70°C or below. Avoid repeated freezing and thawing. Alternatively, add an equal volume of glycerol (ACS grade or better) for a final concentration of 50%, and store at -20°C as a liquid. **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 whole molecule rabbit IgG. It also reacts with the light chains of other rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. The antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with human, mouse, and rat serum proteins, but it 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.

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