



Product Specifications

Product: Alexa Fluor® 488-conjugated AffiniPure Goat Anti-Rabbit IgG, F(ab')₂ Fragment Specific

Code Number: 111-545-006

Lot Number: 159886

Physical State: Freeze-dried solid

Size: 1.5 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
A_{max}=493; E_{max}=519

Fluorophore/Protein Absorbance Ratio: A₄₉₃/A₂₈₀ = 1.6

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 1.1 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 the F(ab')₂/Fab portion of rabbit IgG. It also reacts with the light chains of other rabbit immunoglobulins. No antibody was detected against the Fc portion of rabbit IgG or against non-immunoglobulin serum proteins. The antibody may cross-react with immunoglobulins from other species.

Country of Origin: USA

Note: This product is for *in vitro* research use only. It is not a medical device and it is not intended for diagnostic or therapeutic purposes.

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