Product Information

Catalog Number:	111-546-047
Product:	Alexa Fluor® 488-AffiniPure F(ab')2 Fragment Goat Anti-Rabbit IgG, F(ab')2 Fragment Specific (minimal cross-reaction to Human Serum Proteins)
Physical State:	Freeze-dried solid
Size:	0.75 mg
Antibody Concentration:	1.4 - 1.5 mg/ml (exact concentration lot dependent)
Fluorophore:	Alexa Fluor®488 carboxylic acid Amax = 493 nm; Emax = 519 nm
Suggested Dilution Range:	1:100 - 1:800 for most applications
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
Purity:	The antibody was purified from antisera by a combination of pepsin digestion and immunoaffinity chromatography using antigens coupled to agarose beads. Fc fragments and whole IgG molecules have been removed.
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 has been tested by ELISA and/or solid phase adsorbed to ensure minimal cross-reaction with human serum proteins, but it may cross-react with immunoglobulins from other species.
Reconstitution and Storage:	Store freeze-dried powder at 2-8°C. When ready to use, rehydrate with 0.75 ml dH2O (exact volume is lot specific) 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, 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. 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.
Safety Information:	Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. The antibody contains 0.05% sodium azide (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion.

Note: *This information sheet contains general product information only. For detailed lot specific information consult the vial label and the data sheet supplied by the manufacturer upon delivery of the product.*

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

Manufacturer:

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