

Polyclonal Antibody to FITC F(ab)₂ Fragment - TRITC

Alternate names:	Fluorescein Isothiocyanate
Catalog No.:	AP09428TC-N
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host / Isotype:	Goat / IgG
Immunogen:	Fluorescein conjugated to Goat IgG
Format:	<p>State: Lyophilized Ig fraction</p> <p>Purification: Prepared from monospecific antiserum by immunoaffinity chromatography using Fluorescein coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation</p> <p>Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2; 10 mg/ml Bovine Serum Albumin (BSA) IgG and Protease free; 0.01% (w/v) Sodium Azide</p> <p>Label: TRITC – Tetramethylrhodamine isothiocyanate (Molecular Weight 444 daltons)</p> <p><i>Absorption / Emission:</i> 550 nm / 570 nm</p> <p><i>Molar Ratio:</i> 2.0 moles TRITC per mole of Goat IgG</p> <p>Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).</p>
Applications:	<p>Suitable for highly specific immunological methods requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. Flow cytometry: 1:2,000 - 1:10,000. Immunofluorescence: 1:500 - 1:2,500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>This antibody detects Fluorescein F(ab')₂.</p> <p>Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum and Fluorescein conjugated BSA. No reaction was observed against anti-Pepsin or anti-Goat IgG F(c).</p>
Storage:	<p>Store vial at 2-8 °C prior to restoration. Following restoration product can be stored undiluted at 2-8 °C for up to one month or (in aliquots) at -20 °C or below. Avoid repeated freezing and thawing. Centrifuge product if not completely clear after standing at room temperature.</p> <p>Shelf life: One year from despatch.</p>
General References:	(Conjugation) J.A. Titus, et al. J. Immunol. Methods 50; 193, 1982