

AP09428TR-N**Polyclonal Antibody to FITC F(ab)2 Fragment - Texas Red**

Alternate names:	Fluorescein Isothiocyanate
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:	State: Lyophilized Ig fraction 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. 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 Label: Texas Red – Texas Red TM Sulfonyl Chloride (Molecular Weight 625 daltons) <i>Absorption / Emission:</i> 596 nm / 620 nm <i>Molar Ratio:</i> 3.5 moles Texas Red TM per mole of Goat IgG Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).
Applications:	Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. Flow cytometry: 1:2,000 - 1:10,000. Immunofluorescence microscopy: 1:500 - 1:2,500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects Fluorescein F(ab') ₂ . 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).
Storage:	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. Shelf life: One year from despatch.
General Readings:	(Conjugation) J.A. Titus, P.P. Haugland, S.D. Sharrow, D.M. Segal J. Immunol. Methods 50; 193, 1982.