

F(ab')₂ Fragment of Goat anti-Human κ (kappa chain specific) -Texas Red-

Catalog No.:	R1401TR
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Goat
Immunogen:	Human kappa light chain.
Format:	State: Lyophilized F(ab') ₂ fragments. Purification: Immunoaffinity chromatography. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 10 mg/ml Bovine Serum Albumin (BSA, IgG and Protease free) as stabilizer and 0.01% (w/v) Sodium Azide as preservative. Label: Texas Red – -- Sulfonyl Chloride (TR; Molecular Weight 625 daltons) <i>Absorption / Emission:</i> 596 nm / 620 nm <i>Molar Ratio:</i> 1.8 moles Texas Red™ per mole of Goat IgG F(ab') ₂ . 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 extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This product was prepared from monospecific antiserum by Immunoaffinity chromatography using Human antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by Immuno-electrophoresis resulted in a single precipitin arc against anti-Goat Serum. No reaction was observed against anti-Pepsin or anti-Goat IgG F(c). Specificity was confirmed by ELISA at less than 1% cross reactivity against other human heavy or light chain isotypes.
Storage:	Store vial at 2-8°C prior to restoration. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This antibody is stable for one month at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Avoid repeated freezing and thawing. Shelf life: One year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

General References: 1. J.A. Titus, et al. J. Immunol. Methods 50; 193, 1982.

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