R1414TR

Acris Antibodies GmbH

Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info@acris-antibodies.com

US office:
Acris Antibodies, Inc.
San Diego, CA
UNITED STATES
Phone: +1-858-888-7900
Fax: +1-858-888-7904
US-info@acris-antibodies.com

F(ab')2 Fragment of Goat anti-Rat IgG F(c) -Texas Red -

Catalog No.: R1414TR

Quantity: 1 mg

Concentration: 1.0 mg/ml (by UV absorbance at 280 nm)

Host: Goat

Immunogen: Rat IgG F(c) fragment.

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)
Absorption / Emission: 596 nm / 620 nm
Molar Ratio: 2.9 moles Texas Red TM 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 Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation.
Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Rat IgG, Rat IgG F(c) and Rat Serum.
No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Rat IgG F(ab')2 or Bovine, Horse and Human Serum Proteins.

Storage: Store vial at 2-8°C prior to restoration. Restore with 1.0 ml of deionized water (or equivalent). 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 product 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.

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