

Polyclonal Antibody to Cat IgG F(ab')₂ -FITC-

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| Alternate names: | Cat IgG, Immunoglobulin G |
| Catalog No.: | R1309F |
| Quantity: | 2 mg |
| Concentration: | 2.0 mg/ml (by UV absorbance at 280 nm) |
| Host: | Rabbit |
| Immunogen: | Cat IgG F(ab') ₂ fragment. |
| Format: | State: Lyophilized purified Ig fraction. Purification: Immunoaffinity Chromatography using Cat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 10 mg/ml BSA (IgG and Protease free) as stabilizer and 0.01% (w/v) Sodium Azide as preservative. Label: FITC – Fluorescein isothiocyanate (Molecular Weight 390 daltons) <i>Absorption / Emission:</i> 495 nm / 528 nm <i>Molar Ratio:</i> 3.0 moles FITC per mole of Rabbit IgG. Reconstitution: Restore with 1.0 ml of deionized water (or equivalent). |
| Applications: | Suitable for Immunomicroscopy (1/500-1/2,500) and Flow cytometry (1/2,000-1/10,000) or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Rabbit Serum, Cat IgG, Cat IgG F(ab') ₂ and Cat Serum. No reaction was observed against Cat IgG F(c). |
| 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. |
| General References: | The and Feltkamp, Immunology 18; 865, 1970. (Conjugation) |

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