

Polyclonal Antibody to Ferret IgG (gamma chain specific) -FITC

Catalog No.:	R1313F
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Goat
Immunogen:	Ferret IgG γ gamma chain.
Format:	State: Lyophilized purified Ig fraction. Purification: Immunoaffinity Chromatography. Buffer System: 0.02M Potassium Phosphate, 0.15M 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> 4.0 moles FITC per mole of Goat IgG. Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).
Applications:	This product is designed for Immunofluorescence Microscopy, fluorescence based plate assays (FLISA) and Fluorescent Western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. <u>Recommended Dilutions</u> FLISA: 1/10,000-1/50,000. IF Microscopy: 1/1,000-1/5,000. Flow Cytometry: 1/500-1/2,500. 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 Ferret IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum, Ferret IgG and Ferret Serum. No reaction was observed against Ferret IgA or Ferret IgM. Specificity was confirmed by ELISA at less than 1% cross reactivity against other Ferret 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. The and Feltkamp, Immunology 18; 865, 1970 (Conjugation)

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