

Polyclonal Antibody to Human IgA alpha (alpha chain specific) -FITC-

Alternate names:	Human Immunoglobulin A
Catalog No.:	R1342F
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Human IgA alpha chain
Format:	State: Lyophilized purified Ig fraction Purification: Immunoaffinity chromatography Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/ml BSA (IgG and Protease free), 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> 3.6 moles FITC per mole of Rabbit 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 product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgA 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-Rabbit Serum, Human IgA and Human Serum. No reaction was observed against Human IgG or Human IgM. 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: Conjugation: The and Feltkamp, Immunology 18; 865, 1970.

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