

**AP21490FC-N****Polyclonal Antibody to Rabbit IgA+IgG+IgM (H+L chain) - FITC**

<b>Alternate names:</b>	Rabbit IgA, Rabbit IgG, Rabbit IgM
<b>Quantity:</b>	1 ml
<b>Concentration:</b>	10,0 mg/ml
<b>Host / Isotype:</b>	Goat / IgG
<b>Immunogen:</b>	Purified polyclonal rabbit IgG, and IgA and IgM containing factions isolated from rabbit serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG fraction <b>Purification:</b> Immunoaffinity Chromatography <b>Buffer System:</b> PBS, pH 7.2 without preservatives and foreign pro <b>Label:</b> FITC – Fluorescein Isothiocyanate <i>Absorption / Emission:</i> 492 nm / 515 nm <i>Molar Ratio:</i> Fluorochrome/IgG: ~1.6 <b>Reconstitution:</b> Restore by adding 0.5 ml sterile distilled water
<b>Applications:</b>	Can be used for direct immunofluorescence staining of cytoplasmic Ig of appropriately treated cell and tissue substrates; to demonstrate immunoglobulins or specific antibodies in cells and tissues; to identify circulating antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen or immune complex using a reference antibody of rabbit origin in the middle layer of the indirect test procedure. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. <u>Recommended working dilutions:</u> 1/20 - 1/80. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	The reactivity of the antiserum is directed to the major isotypes of the rabbit immunoglobulin system (classes and both light chain types) including antibodies to common determinants, to class and to the surface determinants of the common Fab portion, as tested by immunoelectrophoresis and double radial immunodiffusion against pooled serum and purified immunoglobulins. In immunoelectrophoresis and double radial immunodiffusion using various antiserum concentrations against normal rabbit plasma and serum, the characteristic IgG, IgA and IgM precipitin lines are obtained. <u>Cross-reactivity:</u> Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since immunoglobulins of different species frequently share antigenic determinants. Cross-reactivity of this antiserum with other species has not been tested in detail.

**Add. Information:**

Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibodies cross-reacting with other serum proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.

**Storage:**

Prior to and following reconstitution store the antibody at 2-8°C for one month or at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.