

Product datasheet for **AP21494FC-N**

Mouse IgG3 (subclass specific) Goat Polyclonal Antibody

Product data:

Product Type:	Secondary Antibodies
Product Name:	Mouse IgG3 (subclass specific) Goat Polyclonal Antibody
Applications:	ELISA, ID, IF, IHC, IP, WB
Recommended Dilution:	<p>This antibody can be used to identify and measure IgG3, antigen or antibody, at the cellular and subcellular level by immunofluorescence staining of appropriately treated cell and tissue substrates, and to demonstrate circulating antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen or immune complex using a reference antibody of mouse origin in the middle layer of the indirect test procedure.</p> <p>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.</p> <p><u>Working Dilutions:</u> 1/20-1/80.</p>
Reactivity:	Mouse
Host:	Goat
Immunogen:	<p>Pools of purified homogenous IgG3 isolated from pooled Mouse serum.</p> <p>Freund's complete adjuvant is used in the first step of the immunization procedure.</p>
Isotype:	IgG
Formulation:	<p>PBS, pH 7.2 without preservatives and foreign proteins</p> <p>Label: FITC</p> <p>State: Lyophilized purified hyperimmune IgG fraction</p> <p>Label: Fluorescein Isothiocyanate Isomer 1</p> <p>Absorption emission: 492 nm / 515 nm</p> <p>Molar ratio: Fluorochrome/IgG ~1.7</p>
Reconstitution Method:	Restore with 1.0 ml distilled water.
Concentration:	lot specific
Purification:	Hyperimmune antisera with strong precipitating activity are selected for fractionation by salt-precipitation and purification of the IgG fraction by DEAE-chromatography.
Conjugation:	FITC



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- 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.
- Note:** **Conjugation Procedure:** A proprietary technique for the binding to FITC is used, followed by several purification steps to remove free reactants and protein aggregates. After each step activity and specificity are tested in a variety of techniques. The conjugate is lyophilized to assure stability and long shelf life.
Adsorption: Undesired traces of antibody activity are eliminated by Immunoaffinity Chromatography as required.