

Product datasheet for **AP21480FC-N**

Human IgE (Fc specific) Goat Polyclonal Antibody

Product data:

Product Type:	Secondary Antibodies
Product Name:	Human IgE (Fc specific) Goat Polyclonal Antibody
Applications:	ELISA, ID, IF, IHC, IP
Recommended Dilution:	Can be used in Immunocytochemical and Immunohistochemical staining for the detection of IgE at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates, to identify and measure IgE in Human serum or other body fluids. 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. <i>Recommended Working Dilutions: 1/20-1/80, depending on the method used.</i>
Reactivity:	Human
Host:	Goat
Immunogen:	Pools of purified homogenous IgE isolated from Human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Formulation:	PBS, pH 7.2 without preservatives and foreign proteins Label: FITC State: Lyophilized purified IgG fraction Label: Fluorescein Isothiocyanate Fluorescent Marker: Fluorescein isothiocyanate isomer. Conjugation Procedure: A proprietary technique for the binding of 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. Absorption emission: 492 nm / 515 nm Molar ratio: Fluorochrome/IgG: ~1.6
Reconstitution Method:	Restore by adding 1.0 ml sterile distilled water.
Concentration:	10.0 mg/ml



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- Purification:** Hyperimmune antisera with strong precipitating activity are selected for Fractionation and purification of the IgG fraction containing the bulk of the defined antibody specificity. It is free of other serum proteins as tested by Immunoelectrophoresis.
- Conjugation:** FITC
- Storage:** Prior to reconstitution store at 2-8°C.
Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
- Note:** **Adsorption:** Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibodies cross-reacting with other components of the immunoglobulin system or reacting with other serum proteins. Special attention is given to the removal of antibodies to common Ig/Fab. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.