

Product datasheet for **AP33060FC-N**

Guinea Pig IgG (Fc specific) Sheep Polyclonal Antibody

Product data:

Product Type:	Secondary Antibodies
Product Name:	Guinea Pig IgG (Fc specific) Sheep Polyclonal Antibody
Applications:	ELISA, IF, IHC
Recommended Dilution:	ELISA. (In)direct immunofluorescence. Immunocytochemistry. Immunohistochemistry on Frozen Sections. Can be used in direct staining of cytoplasmic IgG in fixed guinea pig cells and tissue substrates; to identify circulating IgG antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen or immune complex using a reference antibody of guinea pig in the middle layer of the 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. <i>Recommended Working Dilutions: 1/20-1/80.</i>
Reactivity:	Guinea Pig
Host:	Sheep
Immunogen:	Purified normal IgG isolated from pooled guinea pig serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Formulation:	PBS, pH 7.2 Label: FITC State: Lyophilized purified hyperimmune IgG fraction Stabilizer: None Preservative: None, as it may interfere with the antibody activity Label: Fluorescein isothiocyanate isomer 1 Absorption emission: 492 nm / 515 nm Molar ratio: Fluorochrome/IgG protein ~1.8
Reconstitution Method:	Restore by adding 1 ml of sterile distilled water
Concentration:	10.0 mg/ml



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- 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
- Storage:** Store lyophilized at 2-8°C for 6 months or at -20°C long term.
After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.
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.
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.