

## Product datasheet for **AP21454FC-N**

### Guinea Pig IgG2 (subclass specific) Goat Polyclonal Antibody

#### Product data:

<b>Product Type:</b>	Secondary Antibodies
<b>Product Name:</b>	Guinea Pig IgG2 (subclass specific) Goat Polyclonal Antibody
<b>Applications:</b>	ELISA, ID, IF, IHC, IP
<b>Recommended Dilution:</b>	Can be used to identify and measure IgG2, 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 guinea pig 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>Working dilutions:</u> 1/20 - 1/80.
<b>Reactivity:</b>	Guinea Pig
<b>Host:</b>	Goat
<b>Immunogen:</b>	Pools of highly purified homogenous IgG2 isolated from guinea pig serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Isotype:</b>	IgG
<b>Formulation:</b>	PBS, pH 7.2 without preservatives Label: FITC State: Lyophilized Hyperimmune IgG fraction Label: Fluorescein Isothiocyanate isomer 1 Absorption emission: 492 nm / 515 nm Molar ratio: Fluorochrome/IgG ~1.9
<b>Reconstitution Method:</b>	Restore by adding 1 ml of sterile distilled water.
<b>Concentration:</b>	10,0 mg/ml
<b>Purification:</b>	Hyperimmune antisera with strong precipitating activity are selected for Fractionation by Salt-Precipitation and DEAE-Chromatography
<b>Conjugation:</b>	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:** Adsorption: Undesired traces of antibody activity are eliminated by immunoaffinity chromatography as required.