

## Product datasheet for **AP21493FC-N**

### Rat IgG2ab (subclass specific) Goat Polyclonal Antibody

#### Product data:

<b>Product Type:</b>	Secondary Antibodies
<b>Product Name:</b>	Rat IgG2ab (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 rat 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>	Rat
<b>Host:</b>	Goat
<b>Immunogen:</b>	Pools of highly purified homogenous IgG2a and IgG2b isolated from rat 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 and foreign proteins Label: FITC State: Lyophilized purified IgG fraction Label: Fluorescein Isothiocyanate Absorption emission: 492 nm / 515 nm Molar ratio: Fluorochrome/IgG: ~1.6
<b>Reconstitution Method:</b>	Restore by adding 0.5 ml sterile distilled water.
<b>Concentration:</b>	10,0 mg/ml
<b>Purification:</b>	Immunoaffinity 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.