

## Product datasheet for **AP21491AF-N**

### Rat IgG2b (subclass specific) Goat Polyclonal Antibody

#### Product data:

<b>Product Type:</b>	Secondary Antibodies
<b>Product Name:</b>	Rat IgG2b (subclass specific) Goat Polyclonal Antibody
<b>Applications:</b>	ELISA, ID, IF, IP, WB
<b>Recommended Dilution:</b>	Can be used as unlabelled primary or secondary reagent for indirect detection of IgG2b at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates; to prepare conjugates of the user's own choice; to prepare an insoluble immunoaffinity adsorbent or a solid phase antibody reagent by coupling to an artificial carrier and as catching antibody in non-isotopic methodology and solid phase immunochemistry. When applied in any cytochemical or histochemical staining procedure or solid phase coupling technique, the optimum concentration of the IgG preparation should be established by titration before being used. <u>Recommended working dilutions:</u> Histochemistry: 1/100 - 1/500. ELISA and comparable non-precipitating antibody-binding assays: 1/500 - 1/5000.
<b>Reactivity:</b>	Rat
<b>Host:</b>	Goat
<b>Immunogen:</b>	Pools of purified homogenous IgG2b isolated from pooled 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 State: Azide Free State: Lyophilized IgG fraction
<b>Reconstitution Method:</b>	Restore by adding 1.0 ml of sterile distilled water
<b>Concentration:</b>	10,0 mg/ml
<b>Purification:</b>	Ammonium Sulphate Precipitation and Ion Exchange Chromatography
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	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.



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**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.