

Product datasheet for **AP21494AF-N**

Mouse IgG3 (subclass specific) Goat Polyclonal Antibody

Product data:

Product Type:	Secondary Antibodies
Product Name:	Mouse IgG3 (subclass specific) Goat Polyclonal Antibody
Applications:	ELISA, ID, IF, IP, WB
Recommended Dilution:	<p>Can be used as unlabelled primary or secondary reagent for indirect detection of IgG3 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.</p> <p><i>Recommended Working Dilutions:</i></p> <p>Histochemistry: 1/100-1/500.</p> <p>ELISA and comparable non-precipitating antibody-binding assays: 1/500-1/5.000.</p> <p><i>Performance testing:</i> Titre, specificity and reactivity of the subclass specific cross-adsorbed IgG fraction is further evaluated in a number of highly sensitive non-precipitating antibody-binding assay systems. These performance tests include direct single and double identification of clg in mouse cell and tissue substrates and their evaluation as second antibody in the analysis of human cells and tissues after reacting with a primary monoclonal mouse antibody to a human antigen. The quantitative specific recognition ability is verified in double staining procedures together with reference reagents of known specificity and reactivity.</p>
Reactivity:	Mouse
Host:	Goat
Immunogen:	Pools of purified homogenous IgG3 isolated from pooled Mouse serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Formulation:	<p>PBS, pH 7.2 without preservatives and foreign proteins</p> <p>State: Azide Free</p> <p>State: Lyophilized hyperimmune purified IgG fraction</p>
Reconstitution Method:	Restore by adding 1.0 ml of sterile distilled water



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Concentration:	10.0 mg/ml
Purification:	Hyperimmune antisera with strong precipitating activity are selected for fractionation and purification of the IgG (7S) fraction containing the bulk of the defined antibody specificity. It is free of other serum proteins as tested by immunoelectrophoresis
Conjugation:	Unconjugated
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: 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.