

## Product datasheet for **AP21494BT-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, IHC, IP, WB
Recommended Dilution:	<p>Can be used in Immunocytochemical and Immunohistochemical staining for the detection of IgG3 at the cellular and subcellular level of appropriately treated cell and tissue substrates; to demonstrate circulating IgG3 antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen using a reference antibody of mouse origin known to be of the IgG3 isotype in the middle layer of the indirect test procedure; in non-isotopic assay methodology (e.g. ELISA) to measure IgG3 in mouse serum or other body fluids. As a second step an avidin or streptavidin conjugate of the user's choice has to be used</p> <p>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.</p> <p><u>Working dilutions</u></p> <p>Histochemical and Cytochemical: 1/100 - 1/250.</p> <p>ELISA and comparable non-precipitating antibody-binding assays: 1/1,000 - 1/5,000.</p>
Reactivity:	Mouse
Host:	Goat
Immunogen:	Pools of purified homogenous IgG3 isolated from 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.</p> <p>No foreign protein added</p> <p>Label: Biotin</p> <p>State: Lyophilized purified IgG fraction</p> <p>Label: <u>Marker</u>: N-Hydroxysuccinimidobiotin. <u>Conjugation procedure</u> A proprietary technique for the binding of biotin, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. The conjugate is lyophilized to assure stability and long shelf life</p> <p>Molar ratio: Biotin/IgG: ~5.9</p>



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- Reconstitution Method:** Restore with 1,0 ml distilled water.  
Dilutions may be prepared by adding PBS, pH 7.2
- 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:** Biotin
- 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.