

Product datasheet for **AP21490BT-N**

Rabbit IgA+IgG+IgM (H+L chain) Goat Polyclonal Antibody

Product data:

Product Type: Secondary Antibodies

Product Name: Rabbit IgA+IgG+IgM (H+L chain) Goat Polyclonal Antibody

Applications: ELISA, ID, IF, IHC, IP, WB

Recommended Dilution: Can be used in Immunocytochemical and Immunohistochemical staining to identify and measure immunoglobulins, antigen or antibody, at the cellular and subcellular level by 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 rabbit origin in the middle layer of the indirect test procedure. As a second step an avidin or streptavidin conjugate of the user's choice has to be used.

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.

Recommended working dilutions:

Histochemical and Cytochemical: 1/100 - 1/500.

ELISA and comparable non-precipitating antibody-binding assays: 1/5000 - 1/20000.

Reactivity: Rabbit

Host: Goat

Immunogen: Purified normal IgG, IgA and IgM isolated from pooled rabbit serum. Freund's complete adjuvant is used in the first step of the immunization procedure.

Isotype: IgG

Formulation: PBS, pH 7.2 without preservatives and foreign proteins

Label: Biotin

State: Lyophilized IgG fraction

Label: Marker: N-Hydroxysuccinimidobiotin. Conjugation procedure: A proprietary technique for the binding to biotin is used, 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

Molar ratio: Biotin/IgG: ~6.4

Reconstitution Method: Restore by adding 1.0 ml of sterile distilled water



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Concentration:	10,0 mg/ml
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography
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:	<u>Adsorption:</u> Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate antibodies reacting with other serum proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.