

Product datasheet for **AP21479BT-N**

Human IgD (Fc specific) Goat Polyclonal Antibody

Product data:

Product Type:	Secondary Antibodies
Product Name:	Human IgD (Fc 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 IgD at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates, and to demonstrate circulating antibodies in serodiagnostic microbiology. In non-isotopic assay methodology (e.g. ELISA) to identify and measure IgD in human serum or other body fluid.</p> <p>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.</p> <p><u>Recommended Dilutions:</u></p> <p>Histochemical and Cytochemical Use: 1/100-1/250</p> <p>ELISA and comparable non-precipitating antibody-binding assays: 1/1,000-1/10,000.</p> <p>Performance testing. Isotype specificity and quantitative specific recognition ability are further evaluated at the high level of sensitivity by direct single and simultaneous double staining of different types of human cells, using counterstaining with reference conjugates with a different marker. The immunoconjugate is further tested in ELISA-type assays.</p>
Reactivity:	Human
Host:	Goat
Immunogen:	Highly purified monoclonal IgD isolated from Human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Formulation:	<p>PBS, pH 7.2 with no preservative</p> <p>Label: Biotin</p> <p>State: Lyophilized hyperimmune purified Ig fraction</p> <p>Molar ratio: Biotin/IgG ~6.0</p>
Reconstitution Method:	Restore by adding 1.0 ml sterile distilled water



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Concentration:	10.0 mg/ml
Purification:	Hyperimmune antisera with strong precipitating activity are selected for fractionation by salt-precipitation and purification of the IgG (7S) fraction by DEAE-chromatography.
Conjugation:	Biotin
Storage:	Store lyophilized at 2-8°C and reconstituted at 2-8°C for one week or (in aliquots) at -20°C for longer. Avoid Repeated thawing and freezing.
Note:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibody activity to the common Fab portion of immunoglobulins and to any other serum protein. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.