

## Product datasheet for **AP21481BT-N**

### Mouse IgD (Fc specific) Goat Polyclonal Antibody

#### Product data:

Product Type:	Secondary Antibodies
Product Name:	Mouse IgD (Fc specific) Goat Polyclonal Antibody
Applications:	ELISA, ID, IF, IHC, IP, WB
Recommended Dilution:	In Immunocytochemical and Immunohistochemical staining of IgD at the cellular and subcellular level of appropriately treated cell and tissue substrates; to demonstrate circulating IgD antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen using a reference antibody of mouse origin known to be of the IgD isotype in the middle layer of the indirect test procedure; in non-isotopic assay methodology (e.g. ELISA) to measure IgD 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. 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. <b>Recommended Working Dilutions:</b> Histochemical and Cytochemical: 1/50-1/250. ELISA and comparable non-precipitating antibody-binding assays: 1/200-1/1000.
Reactivity:	Mouse
Host:	Goat
Immunogen:	Purified polyclonal and monoclonal IgD isolated from BALB/C and C57BL Mouse serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Formulation:	PBS, pH 7.2 without preservatives Label: Biotin State: Lyophilized purified Hyperimmune IgG fraction Molar ratio: <b>Biotin/IgG</b> : ~5.3
Reconstitution Method:	Restore by adding 1.0 ml sterile distilled water. Dilutions may be prepared by adding PBS, pH 7.2
Concentration:	10.0 mg/ml
Purification:	DEAE-Chromatography
Conjugation:	Biotin



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**Storage:**

Prior to reconstitution store at 2-8°C.  
Following reconstitution store undiluted at 2-8°C for one month  
or (in aliquots) 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.