

Product datasheet for **AP21479AF-N**

Human IgD (Fc specific) Goat Polyclonal Antibody

Product data:

Product Type:	Secondary Antibodies
Product Name:	Human IgD (Fc specific) Goat Polyclonal Antibody
Applications:	ID, IP
Recommended Dilution:	<p>This antiserum is intended to detect and identify IgD in serum or other body fluids using the Immunofixation technique. Like Immunoelectrophoresis Immunofixation is essentially a two step technique. Proteins in a complex mixture are separated by electrophoresis in a gel carrier, followed by immunoprecipitation in situ with the antiserum. Non-precipitated proteins are removed by washing and the precipitated complex is revealed with a protein stain which allows its exact localization.</p> <p>Immunofixation may be the method of choice whenever a high level of sensitivity is required to identify a minor protein component against a high background of other proteins. It enables the detection and identification of more than one paraproteins in serum or of free light chain. The detection limit is approximately 0.5 to 1 mg/ml in the presence of normal levels of immunoglobulins.</p> <p>Antibody titre: Precipitin titre not less than 1:16 when tested against an appropriate reference in agar immunodiffusion block titration.</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>State: Azide Free</p> <p>State: Lyophilized hyperimmune purified Ig fraction</p>
Reconstitution Method:	Restore by adding 0.5 ml sterile distilled water
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:	Unconjugated



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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.