

## Product datasheet for **AP21447BT-N**

### Duck IgM (Fc specific) Goat Polyclonal Antibody

#### Product data:

<b>Product Type:</b>	Secondary Antibodies
<b>Product Name:</b>	Duck IgM (Fc specific) Goat Polyclonal Antibody
<b>Applications:</b>	ELISA, ID, IF, IHC, WB
<b>Recommended Dilution:</b>	Suitable for use in Immunocytochemical and immunohistochemical staining of IgM at the cellular and subcellular level of appropriately treated cell and tissue substrates, to demonstrate circulating IgM antibodies in serodiagnostic microbiology and autoimmune diseases, to identify a specific antigen using a reference antibody of duck origin known to be of the IgM isotype in the middle layer of the indirect test procedure, in non-isotopic assay methodology (e.g. ELISA) to measure IgM in duck serum or other body fluids. As a second step an avidin or streptavidin conjugate of the user's choice has to be used. <u>Recommended Dilutions:</u> ELISA and comparable non-precipitating antibody-binding assays: 1/1,000-1/5,000. Immunohistochemistry and Immunocytochemistry: 1/50-1/250. Note: When applied in any Cytochemical or Histochemical staining procedure or solid phase coupling technique, the optimum concentration of the IgG preparation should be established by titration before being used. Note: 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>Reactivity:</b>	Duck
<b>Host:</b>	Goat
<b>Immunogen:</b>	Purified IgM isolated from Duck serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Isotype:</b>	IgG
<b>Formulation:</b>	PBS, pH 7.2 without preservatives Label: Biotin State: Lyophilized Hyperimmune IgG fraction Molar ratio: Biotin/IgG ~ 6.3
<b>Concentration:</b>	10 mg/ml



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- Purification:** Hyperimmune antisera with strong precipitating activity are selected for Fractionation by Salt-Precipitation and DEAE-Chromatography.
- Conjugation:** Biotin
- Storage:** Store lyophilized at 2-8°C and reconstituted at 2-8°C for one month or (in aliquots) at -20°C for longer.  
Avoid Repeated thawing and freezing.
- Note:** **Adsorption:** Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibodies crossreacting 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.