

Product datasheet for **AP21443BT-N**

Chicken IgM (Fc specific) Goat Polyclonal Antibody

Product data:

Product Type:	Secondary Antibodies
Product Name:	Chicken IgM (Fc specific) Goat Polyclonal Antibody
Applications:	ELISA, ID, IF, IHC, IP
Recommended Dilution:	Can be used 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 chicken 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 chicken 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. <u>Recommended working dilutions:</u> Histochemical and Cytochemical: 1/50 - 1/250. ELISA and comparable non-precipitating antibody-binding assays: 1/1000 - 1/5000.
Reactivity:	Chicken
Host:	Goat
Immunogen:	Purified IgM isolated from chicken 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 hyperimmune IgG fraction Label: <u>Marker:</u> N-Hydroxysuccinimidobiotin. <u>Conjugation procedure:</u> Conjugation is carried out using a proprietary technique for the binding to biotin, 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. No foreign protein has been added Molar ratio: Biotin/IgG ~6.7



[View online »](#)

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