

Product datasheet for **AP32992BT-N**

Mouse IgM (Fc specific) Rabbit Polyclonal Antibody

Product data:

Product Type:	Secondary Antibodies
Product Name:	Mouse IgM (Fc specific) Rabbit Polyclonal Antibody
Applications:	ELISA, ID, IF, IHC, IP, WB
Recommended Dilution:	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 mouse 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 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. Recommended Working Dilutions: Histochemical and cytochemical Use: 1/100- 1/2500. ELISA and comparable non-precipitating antibody-binding assays: 1/1000- 1/5000.
Reactivity:	Mouse
Host:	Rabbit
Immunogen:	Purified homogenous IgM isolated from Mouse serum. Immunization with intact and split IgM. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Formulation:	PBS, pH 7.2 Label: Biotin State: Lyophilized hyperimmune Ig fraction Stabilizer: None Preservative: None, as it may interfere with the antibody activity. Molar ratio: Biotin/IgG protein (B/P) ~ 4.7
Reconstitution Method:	Restore with 1 ml sterile distilled water.
Concentration:	10.0 mg/ml



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- Purification:** Hyperimmune antisera with strong precipitating activity are selected for fractionation by salt precipitation and purification of the IgG fraction by DEAE Chromatography
- Conjugation:** Biotin
- Storage:** Store lyophilized at 2-8°C for 6 months or at -20°C long term.
After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.
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.