

Product datasheet for **AP33083BT-N**

Sheep IgM (Fc specific) Rabbit Polyclonal Antibody

Product data:

Product Type: Secondary Antibodies

Product Name: Sheep IgM (Fc specific) Rabbit Polyclonal Antibody

Applications: ELISA, IF, IHC, WB

Recommended Dilution: **ELISA.**

Dot blot.

Immunoblotting.

Immunocytochemistry.

Immunohistochemistry Paraffin Sections.

Can be used in immunocytochemical and immunohistochemical staining for the detection of IgM at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates; to demonstrate circulating IgM antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen using an reference antibody of sheep 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 sheep 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:

Histochemistry and Cytochemical Use: 1/50-1/250.

ELISA and comparable non-precipitating antibody-binding assays: 1/500-1/4,000.

Reactivity: Sheep

Host: Rabbit

Immunogen: Purified normal IgM isolated from pooled sheep serum.
Freund's complete adjuvant is used in the first step of the immunization procedure.

Isotype: IgG



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Formulation:	PBS, pH 7.2 Label: Biotin State: Lyophilized purified hyperimmune IgG fraction Stabilizer: None Preservative: None, as it may interfere with the antibody activity. Label: N-Hydroxysuccinimidobiotin Molar ratio: Biotin/IgG ~4.6
Reconstitution Method:	Restore with 1 ml sterile distilled water.
Concentration:	10.0 mg/ml
Purification:	Hyperimmune antisera with strong 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:	<u>Adsorption:</u> Not required