

Product datasheet for **AP32992FC-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

Recommended Dilution: **ELISA.**

Immunocytochemistry.

Immunohistochemistry on Frozen Sections.

(In)direct immunofluorescence.

In direct staining of cytoplasmic IgM in fixed mouse cells and tissue substrates; to identify circulating IgM antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen or immune complex using a reference antibody of mouse in the middle layer of the test procedure. 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: 1/20- 1/80.

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: FITC

State: Lyophilized hyperimmune IgG fraction

Stabilizer: None

Preservative: None, as it may interfere with the antibody activity.

Absorption emission: 492 nm / 515 nm

Molar ratio: Fluorochrome/IgG protein (F/P) ~ 1.3

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:** FITC
- 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.