

Mouse IgM Immunoglobulin | IgM immunoglobulin

Mouse IgM

CATALOG #
AAA14344

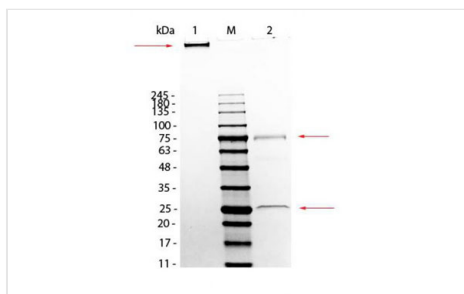
PRODUCT SYNONYMS

Mouse IgM; Mouse Immunoglobulin M; IgM immunoglobulin

PRODUCT SPECIFICATIONS

Purity/Purification	Mouse IgM was purified by delipidation, selective precipitation and tandem molecular sieve chromatography followed by dialysis.
Form/Format	Supplied as a liquid in 100mM Tris Chloride and 500mM Sodium Chloride, pH 8.0, with 0.1% Sodium Azide as a preservative.
Concentration	1.0 mg/ml (by UV absorbance at 280nm) (varies by lot)
Application Notes	A single precipitin arc was observed against anti-Mouse IgM (mu chain specific), and anti-Mouse serum when assayed by Immunoelectrophoresis. No reaction was observed against anti-Mouse IgG F(c). Some light chain cross-reactivity will occur with anti-Mouse IgG.
Source Note	Prepared from normal mouse serum by a multi-step process
Species	Mouse
Biological Significance	Immunoglobulin M, or IgM for short, is a basic antibody that is produced by B cells. It is the primary antibody against A and B antigens on red blood cells. IgM is by far the physically largest antibody in the human circulatory system. It is the first antibody to appear in response to initial exposure to antigen.
Biohazard Information	This product is purified from non-human source material. However, it's recommended to observe full biohazard safety precautions when handling this material.
Preparation and Storage	Ships ambient or refrigerated. Upon receipt, store at 4 degree C while undiluted. Dilute only prior to immediate use. For extended storage, mix with an equal volume of glycerol, aliquot and store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



SDS-PAGE

Lane 1: Mouse IgM, Non-Reduced. Lane 2: Mouse IgM, Reduced. Load: 1.0 ug per lane.

Predicted/Observed size - Non-Reduced: 900 kDa (Pentamer), 900 kDa (Molecule larger than can pass through gel), Reduced: 78 and 25 kDa, 75 and 25 kDa.

ADDITIONAL INFORMATION

Related Product Information for IgM immunoglobulin	Purified Mouse IgM
Product Categories/Family for IgM immunoglobulin	Immunology; Immunoglobulins; Purified Immunoglobulins

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/immunoglobulin/mouse-igm/14344>