

Rabbit IgM Polyclonal Antibody | anti-IgM antibody

IgM/FITC, Rpab

CATALOG # AAA59328	HOST Rabbit	APPLICATIONS Immunohistochemistry
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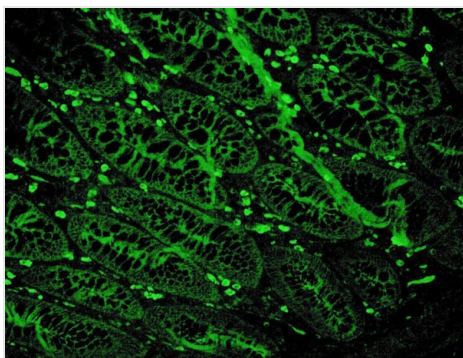
PRODUCT SYNONYMS

IgM; Polyclonal Antibody; IgM/FITC; Rpab; anti-IgM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Concentrate or Prediluted
Sequence Length	112
Applicable Applications for anti-IgM antibody	IHC (Immunohistochemistry)
Immunogen	Purified human IgM heavy chain.
Localization	Cytoplasmic
Control	Tonsil, Lymph Node, Spleen, Kidney, Colon
Preparation and Storage	Store at 2-8 degree C in the dark.

IMAGES



IF (Immunofluorescence)

IF of IgM on a FFPE Colon Tissue

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:25-1:100	0.5 ml
Concentrated	1:25-1:100	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-IgM antibody	IgM forms polymers where multiple immunoglobulins are covalently linked together with disulfide bonds, normally as a pentamer or occasionally as a hexamer. It has a large molecular mass of approximately 900 kDa (in its pentamer form). In germline cells, the gene segment encoding the constant region of the heavy chain is positioned first among other constant region gene segments. For this reason, IgM is the first immunoglobulin expressed by mature B-cells. IgM antibody reacts with surface immunoglobulin IgM mu chains. IgM is one of the predominant surface immunoglobulins on B-lymphocytes, and is useful when identifying Leukemias, Plasmacytomas, and B-cell lineage derived Hodgkin's Lymphomas. Due to the restricted expression of heavy and light chains in these diseases, demonstration of B-cell Lymphomas is possible with clonal generearrangement studies. Lupus nephritis is an inflammation of the kidneys caused by Systemic Lupus Erythematosus. Immunofluorescence reveals positively for IgG, IgA, IgM, C3, and C1q. Clinically, hematuria and proteinuria are present, with or without nephrotic syndromes. Immunoglobulin M (IgM) nephropathy is an uncommon glomerular disease characterized by IgM deposits in the mesangium.
Product Categories/Family for anti-IgM antibody	Direct Immunofluorescence Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	473215
NCBI Official Full Name	IgM, partial

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/polyclonal/igm-antibody-immunohistochemistry-elisa/59328>