

Mouse anti-Human IgM (Immunoglobulin Mu Heavy Chain) Antibody | anti-IGHM antibody

IgM (Immunoglobulin Mu Heavy Chain) (B-Cell Marker)

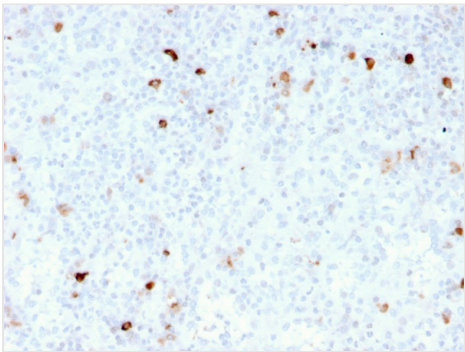
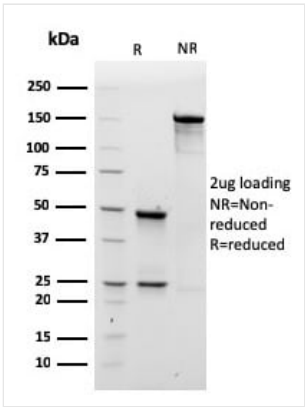
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215022	Mouse	Human	Immunohistochemistry

PRODUCT SYNONYMS

IgM (Immunoglobulin Mu Heavy Chain); IgM (Immunoglobulin Mu Heavy Chain) (B-Cell Marker); AGM1; IGHM; Constant Region of Heavy Chain of IgM; Ig Mu Chain C Region; anti-IGHM antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1, kappa
Clone Number	rIM260
Specificity	Recognizes a protein of 75kDa, identified as mu heavy chain of human immunoglobulins. It does not cross-react with alpha (IgA), gamma (IgG), epsilon (IgE), or delta (IgD), heavy chains, T-cells, monocytes, granulocytes, or erythrocytes. This MAb is useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkin s lymphomas. The most common feature of these malignancies is the restricted expression of a single heavy chain class. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is clonal and therefore malignant.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	452
Applicable Applications for anti-IGHM antibody	IHC (Immunohistochemistry)
Positive Control	293T, Raji or hPBL cells. Human tonsil or spleen (IHC).
Immunogen	Recombinant full-length human IGHM protein
Cellular Localization	Cytoplasm, Cell Surface and Secreted
Hu-chromosome Location	14q32.33
Antibody Type	Recombinant Mouse Monoclonal Antibody
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human tonsil stained with IgM Recombinant Mouse Monoclonal Antibody (rIM260).

SDS-PAGE
SDS-PAGE Analysis Purified IgM Recombinant Mouse Monoclonal Antibody (rIM260).
Confirmation of Integrity and Purity of Antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	193806374
UniProt Accession #	P01871; P20769
Molecular Weight	50-75kDa
NCBI Official Full Name	Ig mu chain C region
UniProt Protein Name	Ig mu chain C region
UniProt Gene Name	IGHM
UniProt Entry Name	IGHM_HUMAN

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/mouse-ighm-human-antibody/igm-immunoglobulin-mu-heavy-chain/215022>