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36-2560: Anti-IgM (Immunoglobulin Mu Heavy Chain) (B-Cell Marker) Monoclonal Antibody(Clone: IGHM/3776R)

Clonality :	Monoclonal
Clone Name :	IGHM/3776R
Application :	IHC
Reactivity :	Human
Gene :	IGHM
Gene ID :	3507
Uniprot ID :	P01871; P20769
Alternative Name :	AGM1; IGHM; Constant Region of Heavy Chain of IgM; Ig Mu Chain C Region
Isotype :	Rabbit IgG
Immunogen Information :	Recombinant full-length human IGHM protein

Description

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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/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.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues is enhanced by heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0 for 45 min at 95&degC followed by cooling at RT for 20 minutes)

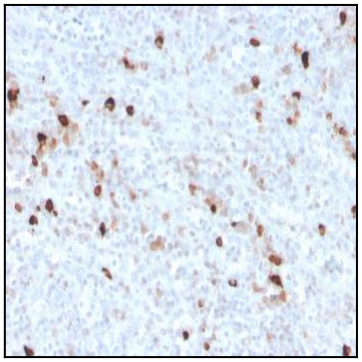

Fig. 1: Formalin-fixed, paraffin-embedded human spleen stained with IgM Recombinant Rabbit Monoclonal Antibody (IGHM/3776R).

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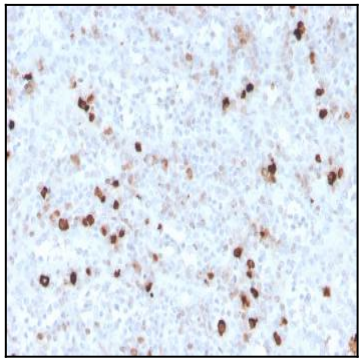

Fig. 2: Formalin-fixed, paraffin-embedded human spleen stained with IgM Recombinant Rabbit Monoclonal Antibody (IGHM/3776R).

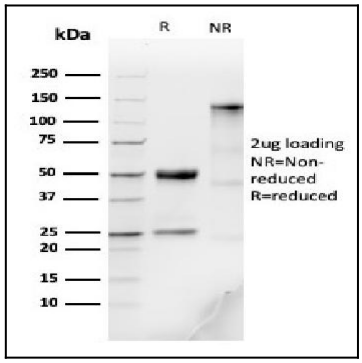

Fig. 3: SDS-PAGE Analysis Purified IgM Recombinant Rabbit Monoclonal Antibody (IGHM/3776R). Confirmation of Integrity and Purity of Antibody.