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36-2551: Anti-IgM (Immunoglobulin Mu Heavy Chain) (B-Cell Marker) Monoclonal Antibody(Clone: rIM260)

Clonality: Monoclonal
Clone Name: rIM260
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: Mouse IgG1, kappa

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 requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes):

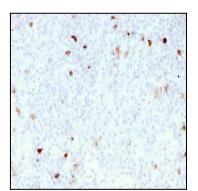


Fig. 1: Formalin-fixed, paraffin-embedded human tonsil stained with IgM Recombinant Mouse Monoclonal Antibody (rIM260).



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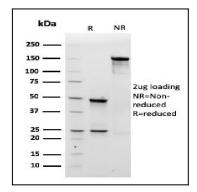


Fig. 2: SDS-PAGE Analysis Purified IgM Recombinant Mouse Monoclonal Antibody (rIM260). Confirmation of Integrity and Purity of Antibody.