

36-1282: Monoclonal Antibody to IgM (Immunoglobulin Mu Heavy Chain) (B-Cell Marker)(IM260 + IM373 + ICO-30)

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| Clonality : | Monoclonal |
| Clone Name : | IM260 + IM373 + ICO-30 |
| Application : | IHC |
| Reactivity : | Human |
| Gene : | IGHM |
| Uniprot ID : | P01871 |
| Format : | Purified |
| Alternative Name : | IGHM |
| Isotype : | Mouse IgG1, kappa + Mouse IgG2b, kappa |
| Immunogen Information : | Recombinant heavy chain of human IgM (IM260 & IM373); Heavy chain of human IgM (ICO-30) |

Description

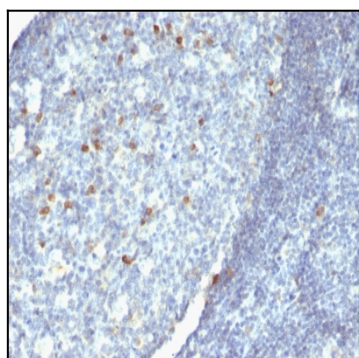
Recognizes a protein of 75kDa, identified as mu heavy chain of human immunoglobulins. It does not cross-react with alpha (IgA), gamma (IgG), epsilon (IgE), or delta (IgD), heavy chains, T-cells, monocytes, granulocytes, or erythrocytes. This MAb is useful in the identification of leukemias, plasmacytomas, 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

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| Amount : | 100 µg |
| Purification : | Affinity Chromatography |
| Content : | 100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| Storage condition : | Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles. |

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);



Formalin-fixed, paraffin-embedded human Tonsil stained with IgM Monoclonal Antibody (IM260 + IM373 + ICO-30)