

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

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

### Description

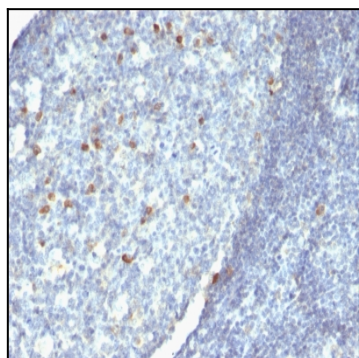
Recognizes a protein of 75kDa, identified as mu heavy chain of human immunoglobulins. It does not cross-react with alpha (IgA), gamma (IgG), epsilon (IgE), or delta (IgD), heavy chains, T-cells, monocytes, granulocytes, or erythrocytes. This MAb is useful in the identification of leukemias, plasmacytomas,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

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	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&degC followed by cooling at RT for 20 minutes);



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