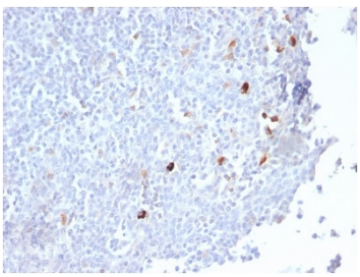
Recombinant IgM Antibody [clone IGHM/2559R] (V7292)

Catalog No.	Formulation	Size
V7292-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7292-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7292SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7292IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	IGHM/2559R
Purity	Protein A affinity chromatography
UniProt	P01871, P20769
Localization	Cytoplasm, cell surface, secreted
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This recombinant IgM antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with recombinant IgM antibody (clone IGHM/2559R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.

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-Hodgkins 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.

For detection of total human IgM, see our Human IgM ELISA Antibody RM121 page.

Application Notes

The optimal dilution of the recombinant IgM antibody for each application should be determined by the researcher.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Recombinant heavy chain of human IgM was used as the immunogen for this recombinant IgM antibody.

Storage

Store the recombinant IgM antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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