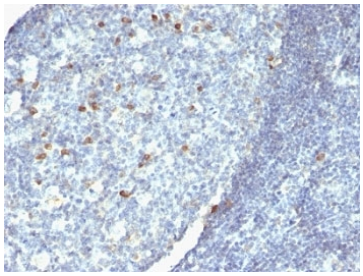
Anti-IgM Antibody Cocktail [clone Clone Cocktail] (V2623)

Catalog No.	Formulation	Size
V2623-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2623-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2623SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2623IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1 and IgG2b, kappa
Clone Name	Clone Cocktail
Purity	Protein G affinity chromatography
UniProt	P01871 & P20769
Localization	Cytoplasm, cell surface and secreted
Applications	Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT (1) Prediluted IHC only format: incubate for 30 min at RT (2)
Limitations	This Anti-IgM antibody cocktail is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human tonsil stained with anti-IgM antibody.

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

Optimal dilution of the Anti-IgM antibody cocktail should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min
2. 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 the Anti-IgM antibody cocktail.

Storage

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

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