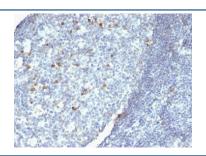


# Anti-IgM Antibody Cocktail [clone Clone Cocktail] (V2623)

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
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.



 $IHC: Formal in\mbox{-}fixed, paraffin\mbox{-}embedded \ human \ tonsil\ stained \ with\ anti-lgM\ antibody.$ 

### **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.

### **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).