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## 36-3662: Anti-CD79b (B-Cell Marker) Monoclonal Antibody(Clone: B29/123)

Clonality: Monoclonal Clone Name: B29/123 Application: IF.WB.IHC Human Reactivity: Gene: CD79B Gene ID: 974 **Uniprot ID:** P40259

AGM6; B-cell antigen receptor complex-associated protein beta chain; B-cell-specific **Alternative Name:** 

glycoprotein B29; Ig-beta; IGB; Immunoglobulin-associated B29 protein

Isotype: Mouse IgG2b, kappa

Synthetic peptide representing the c-terminus from residue 215 of the murine B29 Immunogen Information:

polypeptide.

## **Description**

CD79 (also designated Ig chains, designated CD79B or B29. The B cell antigen receptor complex (BCR) is formed by the association of CD79 with a membrane immunoglobulin, such as IgM or IgD. The membrane immunoglobulins IgM and IgD achieve surface expression and antigen presentation function in response to CD79 association. The cytoplasmic tails of both CD79A and CD79B contain an ITAM (immuno-receptor tyrosine-based activation) motif, which acts to initiate the BCR signaling reactions by binding to and activating tyrosine kinases.

## **Product Info**

Amount: 20 μg / 100 μg

200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS Content:

with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody Storage condition:

is stable for 24 months. Non-hazardous.

## **Application Note**

Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml); 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);

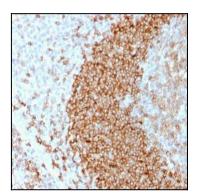


Fig. 1: Formalin-fixed, paraffin-embedded human Tonsil stained with CD79b Mouse Monoclonal Antibody (B29/123).



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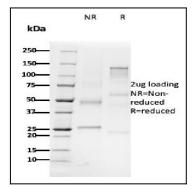


Fig. 2: SDS-PAGE Analysis Purified CD79b Mouse Monoclonal Antibody (B29/123). Confirmation of Purity and Integrity of Antibody.

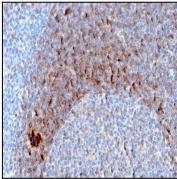


Fig. 3: Formalin-fixed, paraffin-embedded human Tonsil stained with CD79b Mouse Monoclonal Antibody (B29/123).

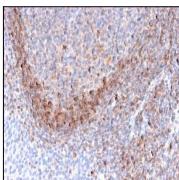


Fig. 4: Formalin-fixed, paraffin-embedded human Tonsil stained with CD79b Mouse Monoclonal Antibody (B29/123).