

For Research Use Only

# CD79A Recombinant antibody

Catalog Number: 85881-3-RR



## Basic Information

Catalog Number: 85881-3-RR	GenBank Accession Number: NM_007655.3	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 12518	CloneNo.: 241231A3
Source: Rabbit	UNIPROT ID: P11911	Recommended Dilutions: IHC 1:1000-1:4000
Isotype: IgG	Full Name: CD79A antigen (immunoglobulin- associated alpha)	
Immunogen Catalog Number: EG1388	Calculated MW: 25 kDa	

## Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse spleen tissue, rat spleen tissue
Species Specificity: mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

CD79A, also named as B-cell antigen receptor complex-associated protein alpha chain or MB-1 membrane glycoprotein, is a 226 amino acid protein, which contains one ITAM domain and one Ig-like C2-type (immunoglobulin-like) domain. CD79A is expressed in B cell and localizes in the cell membrane. CD79A is required in cooperation with CD79B for initiation of the signal transduction cascade activated by binding of antigen to the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. CD79A is also required for BCR surface expression and for efficient differentiation of pro- and pre-B-cells.

## Storage

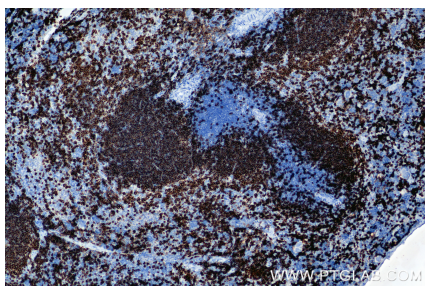
Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

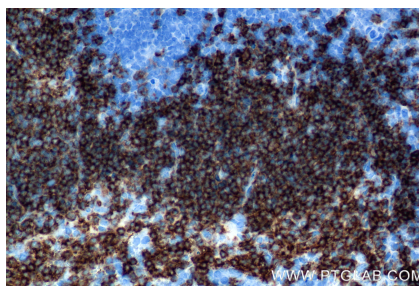
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 85881-3-RR (CD79A antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 85881-3-RR (CD79A antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).