Mouse CD79A Recombinant antibody, PBS Only

Catalog Number:85881-3-PBS

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Basic Information

Catalog Number:
85881-3-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG1388

GenBank Accession Number:
NM_007655.3

GeneID (NCBI):
12518

UNIPROT ID:
P11911

Full Name:
CD79A antigen (immunoglobulin-associated alpha)

Calculated MW:
25 kDa

Purification Method:
Protein A purification

CloneNo.:
241231A3

Applications

Tested Applications:
IHC, Indirect ELISA

Species Specificity:
mouse

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.
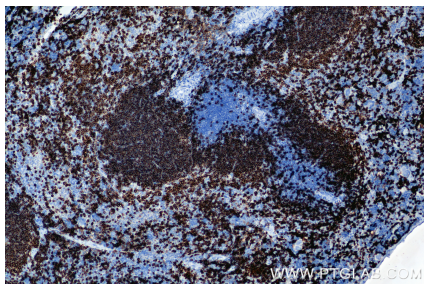
Storage

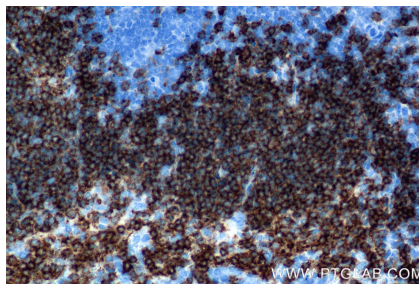**Storage:**
Store at -80℃.
Storage Buffer:
PBS only, pH7.3

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). This data was developed using the same antibody clone with 85881-3-PBS in a different storage buffer formulation.

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). This data was developed using the same antibody clone with 85881-3-PBS in a different storage buffer formulation.