

For Research Use Only

Mouse CD79b Recombinant antibody, PBS Only

Catalog Number: 84523-4-PBS



Basic Information

Catalog Number:

84523-4-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_008339.3

GeneID (NCBI):

15985

UNIPROT ID:

P15530

Full Name:

CD79B antigen

Calculated MW:

26 kDa

Observed MW:

36-40 kDa

Purification Method:

Protein A purification

CloneNo.:

241850G7

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

CD79 molecule encompasses two transmembrane proteins, CD79a and CD79b, which form a disulfide-linked heterodimer and are members of the immunoglobulin (Ig) gene superfamily (PMID: 2033258; 1375264; 2304550). CD79b molecule (also known as B29, IGB, AGM6, and Igbeta) is expressed almost exclusively on B cells and B-cell neoplasms, influencing antigen internalization and increasing antigen presentation efficiency (PMID: 7552998). CD79b mutation could be a key biomarker for DLBCL disease progression (PMID: 36182550).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

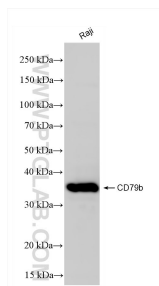
For technical support and original validation data for this product please contact:

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Selected Validation Data



Raji cells were subjected to SDS PAGE followed by western blot with 84523-4-RR (CD79b antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84523-4-PBS in a different storage buffer formulation.