

For Research Use Only

CoraLite® Plus 488-conjugated CD79b Recombinant antibody

Catalog Number: CL488-84234-5



Basic Information

Catalog Number:

CL488-84234-5

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC032651

GeneID (NCBI):

974

UNIPROT ID:

P40259

Full Name:

CD79b molecule, immunoglobulin-associated beta

Calculated MW:

229 aa, 26 kDa

Observed MW:

32-36 kDa

Purification Method:

Protein A purification

CloneNo.:

241273B7

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : raji cells,

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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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

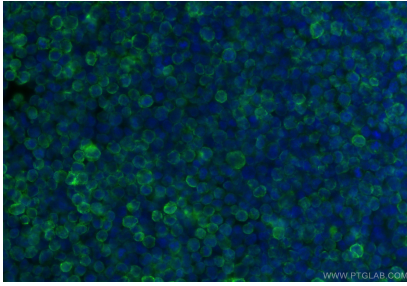
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed raji cells using CoraLite® Plus 488 CD79b antibody (CL488-84234-5, Clone: 241273B7) at dilution of 1:200.