

For Research Use Only

CoraLite® Plus 488-conjugated CD79a Recombinant monoclonal antibody

Catalog Number: CL488-84236-5



Basic Information

Catalog Number:

CL488-84236-5

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC113733

GeneID (NCBI):

973

UNIPROT ID:

P11912

Full Name:

CD79a molecule, immunoglobulin-associated alpha

Calculated MW:

226 aa, 25 kDa

Purification Method:

Protein A purification

CloneNo.:

241299C9

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 : Ramos cells,

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 cells 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. 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:

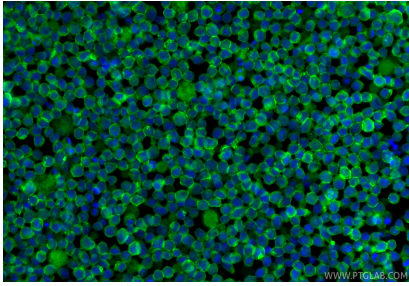
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Ramos cells using CoraLite® Plus 488 CD79a antibody (CL488-84236-5, Clone: 241299C9) at dilution of 1:200.