

For Research Use Only

CoraLite® Plus 750-conjugated CD5 Recombinant monoclonal antibody

Catalog Number: CL750-83543-7



Basic Information

Catalog Number:

CL750-83543-7

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1119

GenBank Accession Number:

NM_014207.4

GeneID (NCBI):

921

ENSEMBL Gene ID:

ENSG00000110448

UNIPROT ID:

P06127

Full Name:

CD5 molecule

Calculated MW:

55 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

240428G2

Recommended Dilutions:

WB: 1:500-1:1000

Excitation/Emission maxima
wavelengths:

755 nm / 780 nm

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, MOLT-4 cells

Background Information

CD5 is a type I transmembrane glycoprotein of the scavenger receptor cysteine-rich family (PMID: 12403363). CD5 is expressed on a majority of thymocytes, mature T cells, B cell subsets, and peripheral blood dendritic cells (PMID: 9858516; 6156984; 10379049; 1384337). CD5 may act as a receptor in regulating T-cell proliferation. It functions as a negative regulator of TCR signaling during thymocyte development (PMID: 7542801).

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:

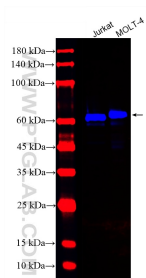
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-83543-7 (CD5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.