

For Research Use Only

CoraLite® Plus 750-conjugated CD22 Recombinant antibody



Catalog Number: CL750-83303

Basic Information

Catalog Number:

CL750-83303

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001771.4

GeneID (NCBI):

935

UNIPROT ID:

P20273

Full Name:

CD22 molecule

Calculated MW:

95kd

Observed MW:

130 kDa

Purification Method:

Protein A purification

CloneNo.:

230550C11

Recommended Dilutions:

WB 1:1000-1:8000

Excitation/Emission maxima
wavelengths:

755 nm / 780 nm

Applications

Tested Applications:

WB

Species Specificity:

human

Positive Controls:

WB : Raji cells, Daudi cells, Ramos cells

Background Information

CD22, also known as Siglec-2 (sialic acid binding Ig-like lectin 2) or BL-CAM (B-lymphocyte cell adhesion molecule), is a 130-140 kDa, B-cell restricted, type I transmembrane glycoprotein belonging to the immunoglobulin gene superfamily. The expression of CD22 is developmentally regulated. It is expressed at low levels in the cytoplasm of pro-B and pre-B cells and present on the cell surface only at mature stages of B-cell differentiation. Cell surface expression is lost during terminal differentiation into plasma cell and after B-cell activation. CD22 is an inhibitory receptor for B-cell receptor (BCR) signalling, preferentially binds to alpha-2,6-linked sialic acid and mediates B-cell B-cell interactions. It plays a crucial role in activation and differentiation of the B-cell.

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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

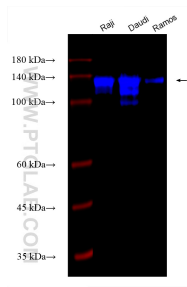
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-83303 (CD22 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.