

For Research Use Only

CoraLite® Plus 647-conjugated CD33 Recombinant monoclonal antibody

Catalog Number: CL647-84341-3

Featured Product



Basic Information

Catalog Number:

CL647-84341-3

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2138

GenBank Accession Number:

BC028152

GeneID (NCBI):

945

UNIPROT ID:

P20138

Full Name:

CD33 molecule

Calculated MW:

364 aa, 40 kDa

Observed MW:

55-75 kDa

Purification Method:

Protein A purification

CloneNo.:

241711D2

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima
wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : THP-1 cells,

Background Information

CD33, also referred to as Siglec-3, is a 67-kDa glycosylated transmembrane protein of sialic acid-binding immunoglobulin-like lectin (siglec) family. CD33 is expressed on monocytes, myeloid progenitors, granulocytes, mast cells, some T cells. It may mediate cell-to-cell adhesion and act as a receptor that inhibits the proliferation of normal and leukemic myeloid 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 (-20°C Methanol) fixed THP-1 cells using CoraLite® Plus 647 CD33 antibody (CL647-84341-3, Clone: 241711D2) at dilution of 1:200.