

For Research Use Only

CoraLite® Plus 647-conjugated Nectin-2/CD112 Recombinant monoclonal antibody



Catalog Number: CL647-84460-5

Featured Product

Basic Information

Catalog Number: CL647-84460-5	GenBank Accession Number: NM_001042724.2	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 5819	CloneNo.: 241725D3
Source: Rabbit	UNIPROT ID: Q92692-2	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: poliovirus receptor-related 2 (herpesvirus entry mediator B)	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: EG1670	Calculated MW: 58 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : K-562 cells,
Species Specificity: human	

Background Information

Nectin 2, also named as PVRL2, CD112, HVEB, PRR2 and PVRR2, is an adhesion molecule widely expressed in cell lines of different lineages, including hematopoietic, neuronal, endothelial and epithelial cells. CD112 belongs to a new family of immunoglobulin-like molecules that includes four members (CD111, CD112, PRR3 and CD155) sharing an ectodomain made of three Ig domains, of V and C types. CD112 is expressed in the myelo-monocytic and megakaryocytic hematopoietic lineages and the function in hematopoiesis is currently unknown. CD112 is an intercellular homophilic adhesion. CD112 localizes specifically at adherens junctions via its cytoplasmic interaction with the scaffold F-actin binding protein afadin. Disruption of the murine CD112 gene leads to infertility of male mice with morphologically aberrant spermatozoa. CD112 mediates entry of some alphaherpesvirus mutants (also named HveB) via its V domain. CD112 is involved in cell to cell spreading of viruses.

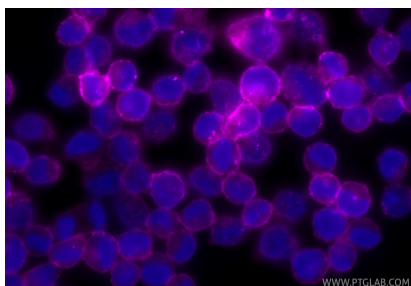
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 K-562 cells using CoraLite® Plus 647 Nectin-2/CD112 antibody (CL647-84460-5, Clone: 241725D3) at dilution of 1:200.