

For Research Use Only

CoraLite® Plus 647-conjugated CD155/PVR Recombinant monoclonal antibody

Catalog Number: **CL647-84138**



Basic Information

Catalog Number: CL647-84138	GenBank Accession Number: BC015542	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 5817	CloneNo.: 241405B2
Isotype: IgG	UNIPROT ID: P15151	Recommended Dilutions: IF/ICC: 1:50-1:500
Immunogen Catalog Number: EG0971	Full Name: poliovirus receptor	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
	Calculated MW: 45 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A549 cells,
Species Specificity: human	

Background Information

CD155, also known as PVR, is a type I transmembrane glycoprotein in the immunoglobulin superfamily. It contains three extracellular immunoglobulin-like domains, D1-D3, of which D1 is recognized by the virus. Mature human CD155 consists of a 323 amino acid extracellular domain with one N-terminal V-type and two C2-type Ig-like domains, a 24 amino acid transmembrane segment, and a 50 amino acid cytoplasmic tail. CD155 is thought to play a role in adhesion by interaction with the ECM component vitronectin as well as a role in NK killing of tumor cells. CD155 binds to two receptors of NK cells, CD96 and CD226, and accumulates at cell-cell contact sites, leading to the formation of mature immune synapses between NK cells and target cells. CD155 serves as the entry receptor for poliovirus and thereby mediates human susceptibility to poliovirus infection.

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 A549 cells using CoraLite® Plus 647
CD155/PVR antibody (CL647-84138, Clone:
241405B2) at dilution of 1:200.