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30-1563: Anti-CD111 / Nectin-1 Monoclonal Antibody (Clone:R1.302)

Clonality :	Monoclonal
Clone Name :	R1.302
Application :	FACS, IP, WB, IHC, ICC
Reactivity :	Human
Gene :	NECTIN1
Gene ID :	5818
Uniprot ID :	Q15223
Format :	Purified
Alternative Name :	NECTIN1,HVEC,PRR1,PVRL1
Isotype :	Mouse IgG1
Immunogen Information :	NIH/3T3 cells transfected with human CD111

Description

CD111, also known as nectin-1, is a calcium-independent cell-cell adhesion transmembrane glycoprotein involved in organization of adherens junctions and tight junctions in epithelial and endothelial cells. It also serves as a target molecule for entry of herpes simplex virus (HSV-1, HSV-2) and pseudorabies virus (PRV) into epithelial and neuronal cells. CD111 is connected with actin cytoskeleton through afadin. Mutations in the gene for CD111 cause cleft lip and palate/ectodermal dysplasia 1 syndrome (CLPED1) as well as non-syndromic cleft lip with or without cleft palate (CL/P). Alternative splicing results in multiple transcript variants encoding proteins with distinct C-termini.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.