

ARG24091 anti-Nectin 4 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Nectin 4
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Nectin 4
Species	Human
Immunogen	KLH-conjugated synthetic peptide within the center region of Human Nectin 4.
Conjugation	Un-conjugated
Alternate Names	Nectin-4; Ig superfamily receptor LNIR; PRR4; LNIR; nectin-4; EDSS1; Poliovirus receptor-related protein 4

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

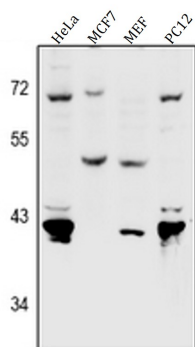
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.42% Potassium phosphate (pH 7.3), 0.87% NaCl, 0.01% Sodium azide and 30% Glycerol.
Preservative	0.01% Sodium azide
Stabilizer	30% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PVRL4
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Gene Full Name	poliovirus receptor-related 4
Background	This gene encodes a member of the nectin family. The encoded protein contains two immunoglobulin-like (Ig-like) C2-type domains and one Ig-like V-type domain. It is involved in cell adhesion through trans-homophilic and -heterophilic interactions. It is a single-pass type I membrane protein. The soluble form is produced by proteolytic cleavage at the cell surface by the metalloproteinase ADAM17/TACE. The secreted form is found in both breast tumor cell lines and breast tumor patients. Mutations in this gene are the cause of ectodermal dysplasia-syndactyly syndrome type 1, an autosomal recessive disorder. Alternatively spliced transcript variants have been found but the full-length nature of the variant has not been determined. [provided by RefSeq, Jan 2011]
Function	Seems to be involved in cell adhesion through trans-homophilic and -heterophilic interactions, the latter including specifically interactions with NECTIN1. Does not act as receptor for alpha-herpesvirus entry into cells. (Microbial infection) Acts as a receptor for measles virus. [UniProt]
Calculated Mw	55 kDa
PTM	The soluble form is produced by proteolytic cleavage at the cell surface (shedding), probably by ADAM17/TACE. [UniProt]
Cellular Localization	Cell membrane; Single-pass type I membrane protein. Cell junction, adherens junction. Note=Colocalizes with AFDN at cadherin-based adherens junctions (PubMed:11544254). Processed poliovirus receptor-related protein 4: Secreted. Note=The secreted form is found in breast tumor patients (PubMed:15784625). [UniProt]

Images



ARG24091 anti-Nectin 4 antibody WB image

Western Blot: HeLa, MCF7, MEF and PC12 cell lysate stained with ARG24091 anti-Nectin 4 antibody.