

## 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

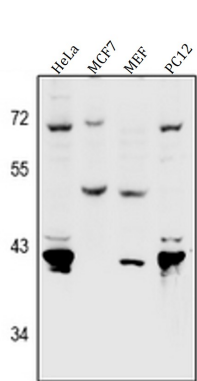
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.42% Potassium phosphate (pH 7.3), 0.87% NaCl, 0.01% Sodium azide and 30% Glycerol.
Preservative	0.01% Sodium azide
Stabilizer	30% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. 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.