

Rabbit anti-Human, Mouse PVRL4 Polyclonal Antibody | anti-PVRL4 antibody

PVRL4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324960	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

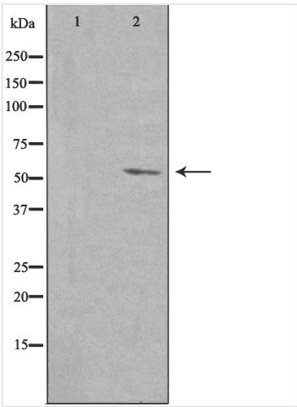
PRODUCT SYNONYMS

PVRL4; Polyclonal Antibody; PVRL4 Antibody; DKFZp686K05193; EDSS1; Ig superfamily receptor LNIR; Nectin 4; Nectin-4; poliovirus receptor-related 4; Processed poliovirus receptor-related protein 4; PRR4; pvrl4; PVRL4_HUMAN; anti-PVRL4 antibody

PRODUCT SPECIFICATIONS

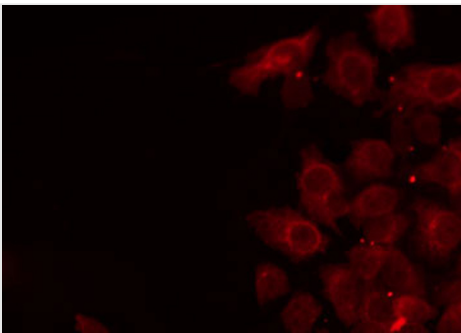
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PVRL4 antibody detects endogenous levels of total PVRL4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	510
Applicable Applications for anti-PVRL4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane. Cell Junction > Adherens Junction. Colocalizes with MLLT4 at cadherin-based adherens junctions and Secreted. The secreted form is found in breast tumor patients.
Tissue Specificity	Predominantly expressed in placenta. Not detected in normal breast epithelium but expressed in breast carcinoma.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from NIH/3T3 cells, using PVRL4 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324960 staining NIH-3T3 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PVRL4 antibody

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. Subunit Structure: Self-associates. Interacts via its Ig-like V-type domain with NECTIN1 Ig-like V-type domain. Interacts via its C-terminus with AFDN. Post-translational Modifications: The soluble form is produced by proteolytic cleavage at the cell surface (shedding), probably by ADAM17/TACE. Similarity: Belongs to the nectin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	222136611
NCBI GeneID	81607
NCBI Accession #	NP_112178.2
NCBI GenBank Nucleotide #	NM_030916.2
UniProt Accession #	Q96NY8; Q96K15; B4DQW3
Molecular Weight	Observed: 55 kD Predicted: 56 kDa
NCBI Official Full Name	nectin-4
NCBI Official Synonym Full Names	nectin cell adhesion molecule 4
NCBI Official Symbol	NECTIN4
NCBI Official Synonym Symbols	LNIR; PRR4; EDSS1; PVRL4; nectin-4
NCBI Protein Information	nectin-4
UniProt Protein Name	Nectin-4
UniProt Gene Name	NECTIN4
UniProt Synonym Gene Names	LNIR; PRR4; PVRL4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.