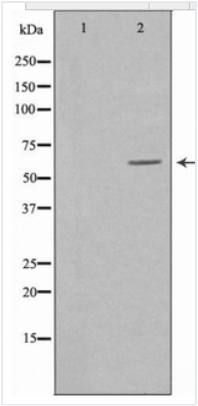
PVRL3 Antibody

PRODUCT OVERVIEW

Product Name	PVRL3, Antibody
Full Product Name	PVRL3 Antibody
Product Gene Name	anti-PVRL3 antibody
Product Synonym Names	CDw113; nectin-3; poliovirus receptor-related protein 3; PRR3
Species Reactivity	Human, Mouse
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	PVRL3 Antibody detects endogenous levels of total PVRL3
Preparation and Storage	Store at-20 degree C. Stable for 12 months from date of receipt.
Molecular Weight	61 KD
OMIM	607147
3D Structure	ModBase 3D Structure for Q9NQS3
Immunogen	A synthesized peptide
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PVRL3 antibody	Western Blot (WB)
Application Notes for anti-PVRL3 antibody	WB: 1:500-1:1000
Related Product Information for anti-PVRL3 antibody	MBS8515005 is an antibody targeting PVRL3. Also known as PVRL3 Antibody. Reactive in Human, Mouse.
Other Notes	Small volumes of anti-PVRL3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-PVRL3 antibody
Western blot analysis of extracts from A549 cells, using PVRL3 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PVRL3. It may not necessarily be applicable to this product.

NCBI GI #	343168783
NCBI GeneID	25945
NCBI Accession #	NP_001230215.1
UniProt Primary Accession #	Q9NQS3
UniProt Secondary Accession #	Q6NVZ3; Q8NC05; Q8WVU4; Q9BVA9; Q9Y412; E9PFR0
UniProt Related Accession #	Q9NQS3
GenBank Nucleotide #	NM_001243286.1
NCBI Official Full Name	nectin-3 isoform 2
NCBI Official Synonym Full Names	nectin cell adhesion molecule 3
NCBI Official Symbol	NECTIN3
NCBI Official Synonym Symbols	PPR3; PRR3; CD113; PVRL3; PVRR3; CDW113; NECTIN-3
UniProt Protein Name	Nectin-3
UniProt Synonym Protein Names	CDw113; Nectin cell adhesion molecule 3
UniProt Gene Name	NECTIN3
NCBI Protein Information	nectin-3
NCBI Summary for PVRL3	This gene encodes a member of the nectin family of proteins, which function as adhesion molecules at adherens junctions. This family member interacts with other nectin-like proteins and with afadin, a filamentous actin-binding protein involved in the regulation of directional motility, cell proliferation and survival. This gene plays a role in ocular development involving the ciliary body. Mutations in this gene are believed to result in congenital ocular defects. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]
UniProt Comments for PVRL3	Plays a role in cell-cell adhesion through heterophilic trans-interactions with nectin-like proteins or nectins, such as trans-interaction with NECTIN2 at Sertoli-spermatid junctions. Trans-interaction with PVR induces activation of CDC42 and RAC small G proteins through common signaling molecules such as SRC and RAP1. Also involved in the formation of cell-cell junctions, including adherens junctions and synapses. Induces endocytosis-mediated down-regulation of PVR from the cell surface, resulting in reduction of cell movement and proliferation. Plays a role in the morphology of the ciliary body.
Research Articles on PVRL3	**1.** Data suggest that 3 independent regions of TcdB (Clostridium difficile toxin B; 1372-1493, 1493-1848, 1851-2366) contribute to binding and entry of TcdB into mammalian cells; residues 1372-1493 are sufficient for interaction with PVRL3.
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