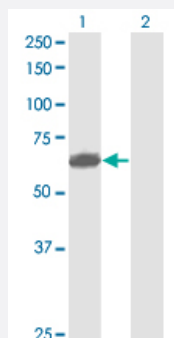


PVRL2 monoclonal antibody (M01), clone 2A6-2C1

Catalog # H00005819-M01

Size 100 ug

Applications

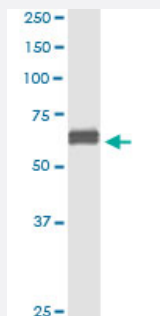


Western Blot (Transfected lysate)

Western Blot analysis of PVRL2 expression in transfected 293T cell line by PVRL2 monoclonal antibody (M01), clone 2A6-2C1.

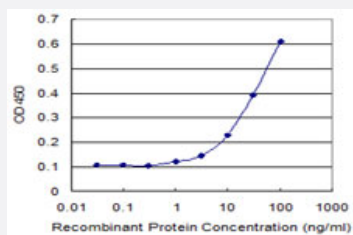
Lane 1: PVRL2 transfected lysate (Predicted MW: 51.4 KDa).

Lane 2: Non-transfected lysate.



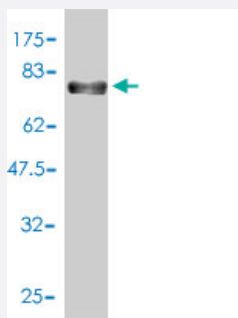
Immunoprecipitation

Immunoprecipitation of PVRL2 transfected lysate using anti-PVRL2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PVRL2 MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PVRL2 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (78.43 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant PVRL2.
Immunogen	PVRL2 (AAH03091, 1 a.a. ~ 479 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MARAAALLPSRSPPTPLLWPLLLLLFLETGAQDVRVQVLPEVRGQLGGTVELPCHLLPPVPGLYI SLVTWQRPDAPANHQNVAAAFHPKMGPSFSPKPGSERLSFVSAKQSTGQDTEAELQDATLALH GLTVEDEGNYTCEFATFPKGSVRGMTWLRVIAPKPNQAEAKVTF SQDPTTVALCISKEGRPPAR ISWLSSLDWEAKETQVSGTLAGTVTVTSRFTLVPSGRADGVTVTCKVEHESFEERALIPVTLVRY PPEVSISGYDDNWYLGRTDATALSCDVRSNPEPTGYDWSTTSGTFPTSAVAQGSQQLVIHAVDSLFI TTFVCTVTNAVGMGRAEQVIFVRETPRASPRDVGPLVWGAVGGTLLVLLLLAGGSLAFILLRVRRR RKSPGGAGGGASGDGGFYDPKAQVLGNGDPVFWTPVVPGPMEPDGKDEEEEEEEKA EKGL MLPPPPALEDDMESQLDGLISRRAYV
Host	Mouse
Reactivity	Human
Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (78.43 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PVRL2 expression in transfected 293T cell line by PVRL2 monoclonal antibody (M01), clone 2A6-2C1.

Lane 1: PVRL2 transfected lysate (Predicted MW: 51.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of PVRL2 transfected lysate using anti-PVRL2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PVRL2 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PVRL2 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PVRL2

Entrez GeneID	5819
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GeneBank Accession#	BC003091
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Protein Accession#	AAH03091
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Gene Name	PVRL2
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Gene Alias	CD112, HVEB, PRR2, PVRR2
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Gene Description	poliovirus receptor-related 2 (herpesvirus entry mediator B)
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Omim ID	600798
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Gene Ontology	Hyperlink
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Gene Summary

This gene encodes a single-pass type I membrane glycoprotein with two Ig-like C2-type domains and an Ig-like V-type domain. This protein is one of the plasma membrane components of adherens junctions. It also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and it is involved in cell to cell spreading of these viruses. Variations in this gene have been associated with differences in the severity of multiple sclerosis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations

herpesvirus entry mediator B|herpesvirus entry protein B|nectin 2|poliovirus receptor related 2|poliovirus receptor-like 2

Pathway

- [Adherens junction](#)
- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)