

Rabbit anti-Human PVRL2 Polyclonal Antibody | anti-PVRL2 antibody

PVRL2 Antibody

CATALOG # AAA327014	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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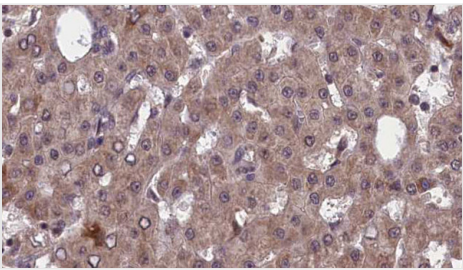
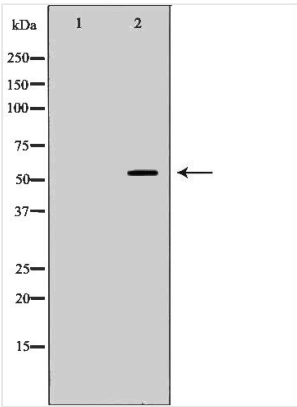
PRODUCT SYNONYMS

PVRL2; Polyclonal Antibody; PVRL2 Antibody; CD 112; CD112; CD112 antigen; Herpes virus entry mediator B; Herpes virus entry protein B; Herpesvirus entry mediator B; Herpesvirus entry protein B; Hve B; HveB; Nectin-2; Nectin2; Poliovirus receptor like 2; Poliovirus receptor related 2 (herpesvirus entry mediator B); Poliovirus receptor related 2; Poliovirus receptor related protein 2; Poliovirus receptor-related protein 2; PRR 2; PRR2; PVRL 2; PVRL2_HUMAN; PVRR 2; PVRR2; anti-PVRL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	PVRL2 antibody detects endogenous levels of total PVRL2
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	538
Applicable Applications for anti-PVRL2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PVRL2
Subcellular Location	Cell Membrane
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Pig, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327014 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of K562 whole cell lysates, using PVRL2 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PVRL2 antibody

Description: 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. Function: Modulator of T-cell signaling. Can be either a costimulator of T-cell function, or a coinhibitor, depending on the receptor it binds to. Upon binding to CD226, stimulates T-cell proliferation and cytokine production, including that of IL2, IL5, IL10, IL13, and IFNG. Upon interaction with PVRIG, inhibits T-cell proliferation. These interactions are competitive (PubMed:26755705). Probable cell adhesion protein (PubMed:9657005). Subunit Structure: Can form trans-heterodimers with NECTIN3 (By similarity). Interacts with CD226 or with PVRIG; these interactions are competitive and have a differential functional outcome on T-cell activation, either positive or negative, respectively. Binds with low affinity to TIGIT. Similarity: Belongs to the nectin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	112789532
NCBI GeneID	5819
NCBI Accession #	NP_001036189.1
NCBI GenBank Nucleotide #	NM_001042724.1
UniProt Accession #	Q92692; O75455; Q6IBI6; Q96J29; A8K5L5
Molecular Weight	Observed: 57 kDa Predicted: 58 kDa
NCBI Official Full Name	nectin-2 isoform delta
NCBI Official Synonym Full Names	nectin cell adhesion molecule 2
NCBI Official Symbol	NECTIN2
NCBI Official Synonym Symbols	HVEB; PRR2; CD112; PVRL2; PVRR2
NCBI Protein Information	nectin-2
UniProt Protein Name	Nectin-2
UniProt Gene Name	NECTIN2
UniProt Synonym Gene Names	HVEB; PRR2; PVRL2; Herpesvirus entry mediator B; HveB

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pvrl2-antibody-immunohistochemistry-western-blot-elisa/327014>