

Rabbit anti-Mouse Nectin-2 Monoclonal Antibody | anti-NECTIN2 antibody

Recombinant Anti-Nectin-2 Antibody, Rabbit Monoclonal

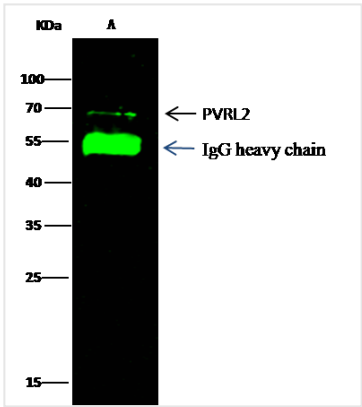
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257135	Rabbit	Mouse	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

Nectin-2; Monoclonal Antibody; Recombinant Anti-Nectin-2 Antibody; Rabbit Monoclonal; CD112/Nectin-2/PVRL2 Antibody; Rabbit MAb; poliovirus receptor-related 2 (herpesvirus entry mediator B); Anti-AI325026 Antibody; Anti-AI987993 Antibody; Anti-Cd112 Antibody; Anti-MPH Antibody; Anti-nectin-2 Antibody; Anti-Pvr Antibody; Anti-Pvs Antibody; anti-NECTIN2 antibody

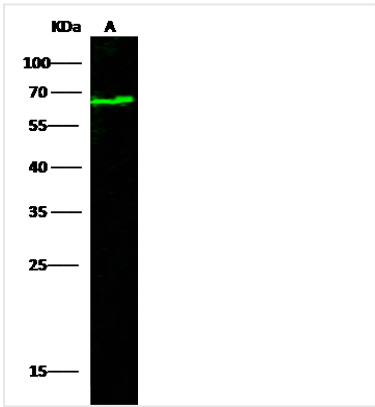
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	110
Specificity	Mouse PVRL2/CD112/Nectin-2. No cross-reactivity in ELISA with Human CD112/Nectin-2
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-NECTIN2 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Mouse PVRL2 protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Mouse PVRL2 extracellular domain (rM PVRL2).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

Mouse PVRL2 was immunoprecipitated using: Lane A: 0.5 mg Raji Whole Cell Lysate, 0.5 uL anti-Mouse PVRL2 rabbit monoclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-Mouse PVRL2 rabbit monoclonal antibody, at 1:500 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 58 kDa. Observed band size: 58 kDa.



WB (Western Blot)

Anti-mPVRL2 rabbit monoclonal antibody at 1:500 dilution. Lane A: 293T Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG H&L (DyLight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 58 kDa. Observed band size: 58 kDa. (We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-NECTIN2 antibody	Cluster of Differentiation 112 (CD112), also known as poliovirus receptor related protein 2 (PVRL2 or PRR2), is a single-pass type I transmembrane glycoprotein belonging to the Immunoglobulin superfamily. CD112 protein also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and thus is involved in cell to cell spreading of these viruses. CD112 protein has been identified as the ligand for DNAM-1 (CD226), and the interaction of CD226/CD112 protein can induce NK cell- and CD8+ T cell-mediated cytotoxicity and cytokine secretion. CD112 has been regarded as a critical component in allergic reactions, and accordingly may function as a novel target for anti-allergic therapy.
References	Bachelet I, et al. (2006) Mast cell costimulation by CD226/CD112 (DNAM-1/Nectin-2): a novel interface in the allergic process. J Biol Chem. 281(37): 27190-6. Wang L, et al. (2009) Molecular cloning, characterization and three-dimensional modeling of porcine nectin-2/CD112. Vet Immunol Immunopathol. 132(2-4): 257-63.

NCBI AND UNIPROT INFORMATION

NCBI GI #	228480273
NCBI GeneID	19294
NCBI Accession #	NP_033016.3
NCBI GenBank Nucleotide #	NM_008990.3
UniProt Accession #	P32507; Q62096
Molecular Weight	50,779 Da
NCBI Official Full Name	nectin-2 isoform 1
NCBI Official Synonym Full Names	nectin cell adhesion molecule 2
NCBI Official Symbol	Nectin2
NCBI Official Synonym Symbols	MPH; Pvr; Pvs; Cd112; Pvr12; AI325026; AI987993; nectin-2
NCBI Protein Information	nectin-2
UniProt Protein Name	Nectin-2
UniProt Gene Name	Pvr12

UniProt Synonym Gene Names	Mph; Pvr; Pvs; Herpesvirus entry mediator B; HveB; mHveB
UniProt Entry Name	PVRL2_MOUSE

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://www.aaabiotech.com/monoclonal/nectin-2-antibody-clone-110-immunoprecipitation-western-blot-elisa/257135>