

Rabbit anti-Human Nectin-2 Polyclonal Antibody | anti-NECTIN2 antibody

Anti-Nectin-2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254130	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

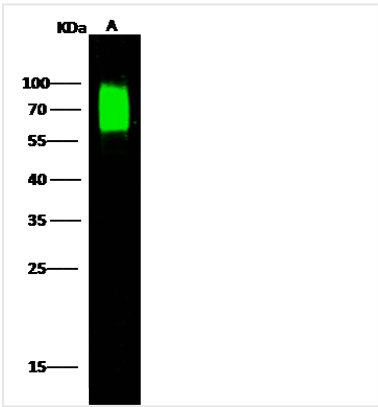
PRODUCT SYNONYMS

Nectin-2; Polyclonal Antibody; Anti-Nectin-2 Antibody; Rabbit Polyclonal; CD112/Nectin-2/PVRL2 Antibody; Rabbit PAb; Antigen Affinity Purified; poliovirus receptor-related 2 (herpesvirus entry mediator B); Anti-CD112 Antibody; Anti-HVEB Antibody; Anti-PRR2 Antibody; Anti-PVRR2 Antibody; anti-NECTIN2 antibody

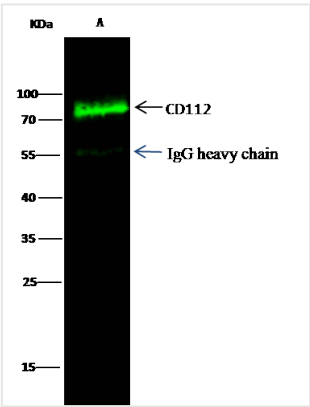
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CD112/Nectin2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-NECTIN2 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human CD112/Nectin2 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human CD112/Nectin-2 extracellular domain (rhCD112). CD112 specific IgG was purified by human CD112 affinity chromatography.
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.

IMAGES



WB (Western Blot)
Anti-CD112 rabbit polyclonal antibody at 1:500 dilutionLane A: K562 Membrane LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:58 kDaObserved band size:70 kDa



IP (Immunoprecipitation)
CD112 was immunoprecipitated using:Lane A:0.5 mg K562 Whole Cell Lysate2 uL anti-CD112 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-CD112 rabbit polyclonal antibody,at 1:200 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 58 kDaObserved band size: 70 kDa

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 #	5360210
NCBI GeneID	5819
NCBI Accession #	NP_002847.1
NCBI GenBank Nucleotide #	NM_002856.2
UniProt Accession #	Q92692; O75455; Q6IBI6; Q96J29; A8K5L5
Molecular Weight	51,359 Da
NCBI Official Full Name	nectin-2 isoform alpha
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	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/nectin-2-antibody-immunoprecipitation-western-blot-elisa/254130>