

Mouse Nectin 3 Monoclonal Antibody | anti-NECTIN3 antibody

Anti-Nectin 3 Antibody, Mouse Monoclonal

CATALOG # AAA255227	HOST Mouse	REACTIVITY Human, Cynomolgus	APPLICATIONS Immunohistochemistry
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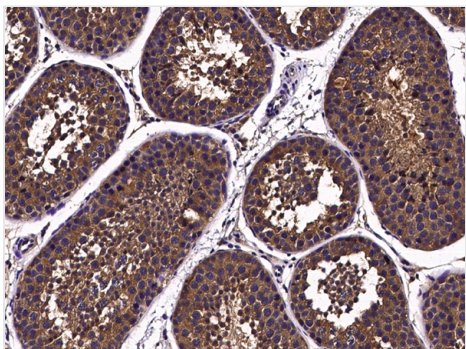
PRODUCT SYNONYMS

Nectin 3; Monoclonal Antibody; Anti-Nectin 3 Antibody; Mouse Monoclonal; CD113/Nectin-3 Antibody; Mouse MAb; poliovirus receptor-related 3; Anti-CD113 Antibody; Anti-CDw113 Antibody; Anti-DKFZp566B0846 Antibody; Anti-FLJ90624 Antibody; Anti-nectin-3 Antibody; Anti-PPR3 Antibody; Anti-PPR3 Antibody; Anti-PVRL3 Antibody; Anti-PVRR3 Antibody; anti-NECTIN3 antibody

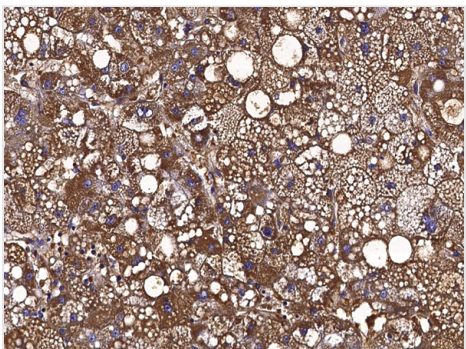
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Cynomolgus
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	02
Specificity	Human Nectin 3
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-NECTIN3 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant Human CD113/Nectin-3 protein
Conjugation	Unconjugated
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CD113/Nectin-3 (rh CD113/Nectin-3). The IgG fraction of the cell culture supernatant was purified by Protein A 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.

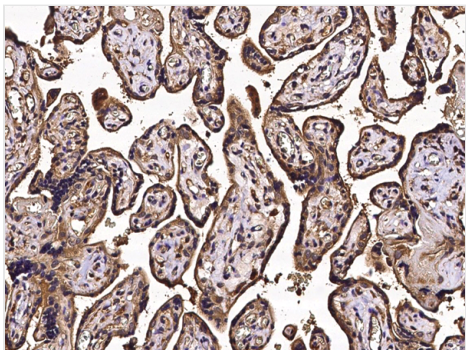
IMAGES



IHC (Immunohistochemisry)
Immunochemical staining PVRL3 in cynomolgus testis with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections).



IHC (Immunohiostchemistry)
Immunochemical staining PVRL3 in human hepatoma with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining PVRL3 in human placenta with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-NECTIN3 antibody	Poliovirus receptor-related 3 (PVRL3), also known as Nectin-3 and CD113, is a member of the nectin family. PVRL3/Nectin-3 is an 83 kDa, type I transmembrane glycoprotein. Its precursor is 549 amino acids (aa) in length and contains an extended signal sequence of 57 aa, an extracellular domain (ECD) of 347 aa, a transmembrane segment of 21 aa, and a cytoplasmic region of 124 aa. Nectin-3 has three splicing variants, nectin-3alpha (biggest), -3beta (middle), and -3gamma (smallest). It is predominantly expressed in testis and placenta as well as in various cell lines, including epithelial cell lines. PVRL3/Nectin-3 plays a role in cell-cell adhesion through heterophilic trans-interactions with nectin-like proteins or nectins, such as trans-interaction with PVRL2/Nectin-2 at Sertoli-spermatid junctions. PVRL3/Nectin-3 is thus involved in the formation of cell-cell junctions, including adherens junctions and synapses. It has been shown to induce endocytosis-mediated down-regulation of PVR from the cell surface, resulting in the reduction of cell movement and proliferation.
References	Satoh-Horikawa, et al. (2000). Nectin-3, a new member of immunoglobulin-like cell adhesion molecules that shows homophilic and heterophilic cell-cell adhesion activities. J Biol Chem (UNITED STATES). 275 (14): 10291-9.Reymond N, et al. (2000). Human nectin3/PRR3: a novel member of the PVR/PRR/nectin family that interacts with afadin. Gene (NETHERLANDS). 255 (2): 347-55.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11386199
NCBI GeneID	25945
NCBI Accession #	NP_056295.1
NCBI GenBank Nucleotide #	NM_015480.2
NCBI Official Full Name	nectin-3 isoform 1

NCBI Official Synonym Full Names	poliovirus receptor-related 3
NCBI Official Symbol	PVRL3
NCBI Official Synonym Symbols	PPR3; PRR3; CD113; PVRR3; CDW113; NECTIN-3
NCBI Protein Information	nectin-3; nectin 3; poliovirus receptor-related protein 3

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/monoclonal/nectin-3-antibody-clone-02-immunohistochemistry-elisa/255227>