

Rabbit Nectin 2 Monoclonal Antibody | anti-NECTIN2 antibody

Nectin 2 Antibody

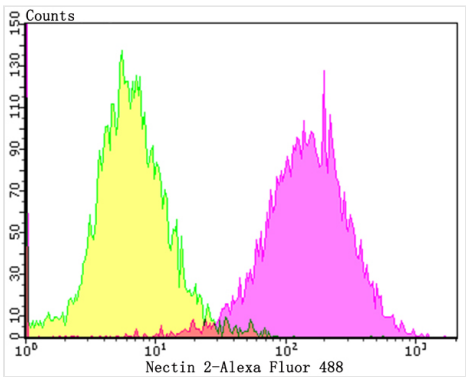
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30516	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

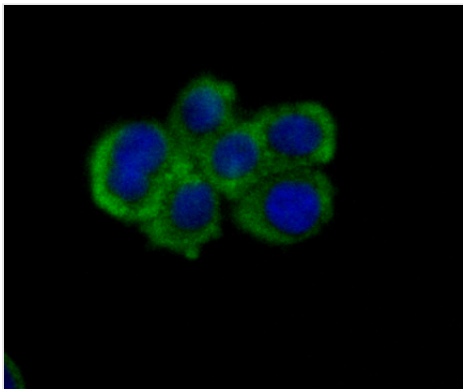
Nectin 2; Monoclonal Antibody; Nectin 2 Antibody; CD 112 antibody; CD112 antibody; CD112 antigen antibody; Herpes virus entry mediator B antibody; Herpes virus entry protein B antibody; Herpesvirus entry mediator B antibody; Herpesvirus entry protein B antibody; Hve B antibody; HveB antibody; Nectin-2 antibody; Nectin2 antibody; Poliovirus receptor like 2 antibody; Poliovirus receptor related 2 (herpesvirus entry mediator B) antibody; Poliovirus receptor related 2 antibody; Poliovirus receptor related protein 2 antibody; Poliovirus receptor-related protein 2 antibody; PRR 2 antibody; PRR2 antibody; PVRL 2 antibody; PVRL2 antibody; PVRL2_HUMAN antibody; PVRR 2 antibody; PVRR2 antibody; anti-NECTIN2 antibody

PRODUCT SPECIFICATIONS

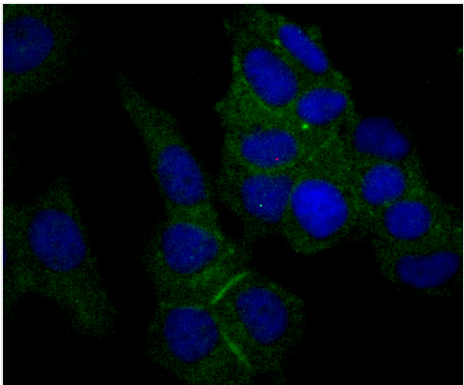
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JG39-64
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-NECTIN2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 ICC: 1:50 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein within human Nectin 2 aa 50-250.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



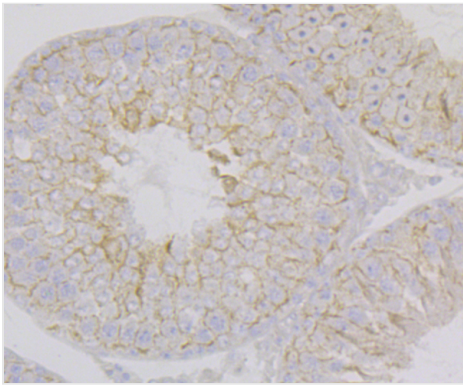
FCM (Flow Cytometry)
Flow cytometric analysis of LOVO cells with Nectin 2 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



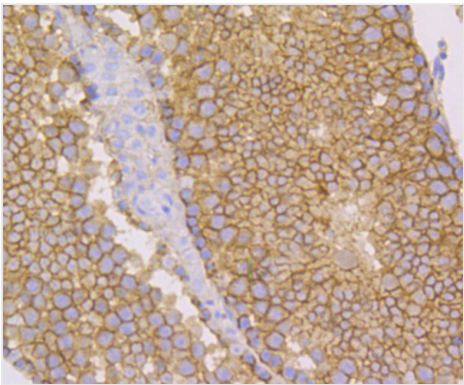
ICC (Immunocytochemistry)
ICC staining Nectin 2 in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



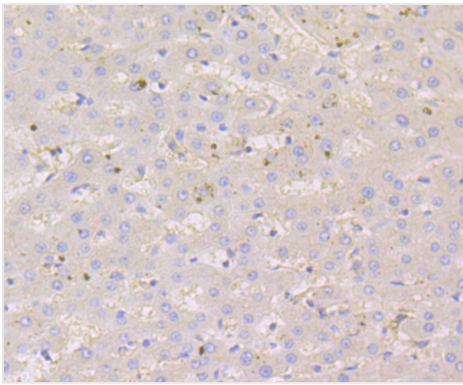
ICC (Immunocytochemistry)
ICC staining Nectin 2 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat testis tissue using anti-Nectin 2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-Nectin 2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-Nectin 2 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-NECTIN2 antibody	Nectin is a Ca ²⁺ -independent homophilic cell adhesion molecule that belongs to the immunoglobulin superfamily. Human nectin is identical to the poliovirus receptor-related protein (PRR) and has been identified as the alpha-herpesvirus entry mediator. Nectin constitutes a family consisting of at least Nectin 1, 2 and 3; each member has two or three splicing variants. Nectin 2, also designated PRR2/HveB, is ubiquitously expressed, with the highest levels of expression in some human neuronal cell lines, fibroblastic cells, keratinocytes and primary activated T lymphocytes. Nectin 2 has two splicing variants, Nectin 2alpha (short form) and 2delta (long form). Both Nectin 2alpha and 2delta have a C-terminal conserved motif (E/A-X-Y-V). This motif interacts with the PDZ domain of the F-Actin-binding protein afadin, through which it is linked to the Actin cytoskeleton. The extracellular regions of the splicing variants are identical, but their transmembrane regions and cytoplasmic regions are unique. Nectin 2 mediates the entry of three mutant herpes simplex virus type 1 (HSV-1) strains that do not use HveA as co-receptor, but not wildtype HSV-1 strains. Nectin 2 also mediates the entry of HSV-2 and pseudorabies virus, but not bovine herpes virus type 1. Nectin 2delta is tyrosine phosphorylated in response to cell-cell adhesion.
Product Categories/Family for anti-NECTIN2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12643789
NCBI GeneID	5819
UniProt Accession #	Q92692; O75455; Q6IBI6; Q96J29; A8K5L5
Molecular Weight	51,359 Da
NCBI Official Full Name	Nectin-2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/nectin-2-antibody-clone-jg39-64-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-flow-cytometry-elisa/30516>