



Rabbit Anti-CD112 antibody

SL2679R

Product Name:	CD112
Chinese Name:	Cell adhesion moleculeCD112抗体
Alias:	Nectin-2; Nectin2; Nectin 2; 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; 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; PVRL2 HUMAN; PVRR 2; PVRR2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Horse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800Flow-Cyt=1µg /testICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	56kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CD112:251-350/538<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Nectin 2 is 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. Can form trans-heterodimers with PVRL3/nectin-3.

Function:

Probable cell adhesion protein.

Subunit:

Can form trans-heterodimers with PVRL3/nectin-3. Interacts with CD226. Binds with low affinity to TIGIT. Interacts with herpes simplex virus 1 (HHV-1) mutant Rid1, herpes simplex virus 1 (HHV-2) and pseudorabies virus (PRV) envelope glycoprotein D; functions as an entry receptor for these viruses.

Subcellular Location:

Cell membrane; Single-pass type I membrane protein.

Tissue Specificity:

Ubiquitous.

Similarity:

Belongs to the nectin family.

Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

SWISS:

Q92692

Gene ID:

5819

Database links:

[Entrez Gene: 5819](#)Human

[Entrez Gene: 19294](#)Mouse

[Entrez Gene: 308417](#)Rat

[Omim: 600798](#)Human

[SwissProt: Q92692](#)Human

[SwissProt: P32507](#)Mouse

[Unigene: 655455](#)Human

[Unigene: 4341](#)Mouse

[Unigene: 203297](#)Rat

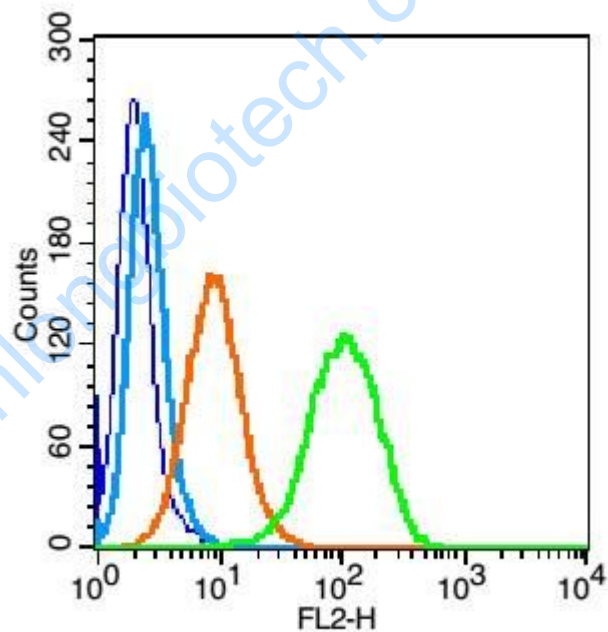
Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Cell adhesion molecule Nectin-

2 (CD112) 是一种同源性非钙依赖型的CAM, 属免疫球蛋白超家族, 由nectin-1、nectin-2、nectin-3组成, 广泛存在于Tumour、正常细胞, 神经细胞、endothelial cells等, CD112也是单纯疱疹病毒(HSV-1和HSV-2)的受体, 具有同型或异型细胞粘附活性. 在多发性硬化中呈现高表达。

Picture:



Blank control(blue): U937(fixed with 2% paraformaldehyde (10 min)).

Primary Antibody:Rabbit Anti-CD112 antibody(SL2679R), Dilution: 1 μ g in 100 μ L
1X PBS containing 0.5% BSA;

Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions);

Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X

	PBS containing 0.5% BSA.
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