

Mouse anti-Human CD112 Monoclonal Antibody | anti-CD112 antibody

Anti-Hu CD112 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128945	Mouse	Human	Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD112; Monoclonal Antibody; Anti-Hu CD112 Purified; nectin cell adhesion molecule 2; NECTIN2; HVEB; PRR2; PVRL2; PVRR2; anti-CD112 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	R2.525
Specificity	The mouse monoclonal antibody R2.525 recognizes an extracellular epitope on CD112, a type I transmembrane glycoprotein expressed by myelomonocytic and megakaryocytic cells, and by CD34+ hematopoietic progenitors.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	538
Applicable Applications for anti-CD112 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	NIH/3T3 cells transfected with human Nectin-2
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD112 antibody	CD112, also known as nectin-2, is a transmembrane glycoprotein involved in organization of adherens junctions. It also serves as a target molecule for entry of certain strains of herpes simplex virus (HSV) and pseudorabies virus (PRV). It is homologous to CD155, which serves as a target molecule for polio virus. CD112 seems to play a role in neural tube formation, with N-cadherin. Inside the cell, CD112 is connected with actin cytoskeleton through afadin. Variations in the CD112 gene have been associated with differences in the severity of multiple sclerosis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12643789
NCBI GeneID	5819
UniProt Accession #	Q92692
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd112-antibody-clone-r2-525-immunohistochemistry-immunoprecipitation-flow-cytometry-elisa/128945>