

## Anti-Hu CD112 Purified NECTIN2 Monoclonal Antibody

Catalog Number: M08081

### About NECTIN2

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.

### Overview

Product Name	Anti-Hu CD112 Purified NECTIN2 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Hu CD112 Purified NECTIN2 Monoclonal Antibody (Catalog# M08081). Tested in Flow Cytometry, IP, IHC-F application(s). This antibody reacts with Human.
Application	Flow Cytometry, IP, IHC-F
Clonality	Monoclonal R2.525
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	Q92692

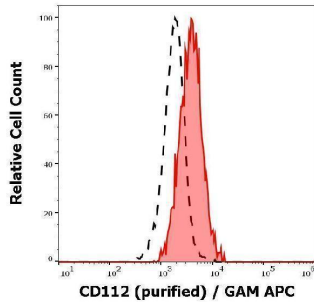
### Technical Details

Immunogen	NIH/3T3 cells transfected with human Nectin-2. 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.
Predicted Reactive Species	Primate
Cross Reactivity	As in case with other anti-CD170 antibodies, this antibody cross-reacts with Siglec-14, whose first two Ig domains are almost identical to those of CD170.
Isotype	Mouse IgG1 kappa
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.

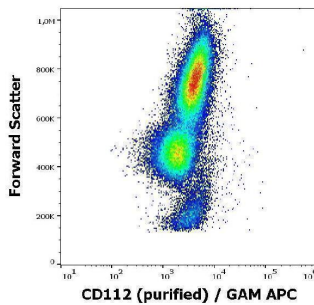
Suggested Dilutions

Flow cytometry: 1-4 ug/ml.

## Anti-Hu CD112 Purified NECTIN2 Monoclonal Antibody (M08081) Images



Separation of human CD112 positive thrombocytes (red-filled) from lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD112 (R2.525) purified antibody (concentration in sample 9 µg/ml) GAM APC.



Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD112 (R2.525) purified antibody (concentration in sample 9 µg/ml) GAM APC.

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