

For Research Use Only

# FITC Plus Anti-Human Nectin-2/CD112 Rabbit Recombinant Antibody

Catalog Number: FITC-98283



## Basic Information

Catalog Number:

FITC-98283

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1670

GenBank Accession Number:

NM\_001042724.2

GeneID (NCBI):

5819

UNIPROT ID:

Q92692-2

Full Name:

poliovirus receptor-related 2  
(herpesvirus entry mediator B)

Calculated MW:

58 kDa

Purification Method:

Protein A purification

CloneNo.:

241725D3

Recommended Dilutions:

FC: 5 ul per 10<sup>6</sup> cells in a 100 µl  
suspension

Excitation/Emission maxima  
wavelengths:

495 nm / 524 nm

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : K-562 cells,

## Background Information

Nectin 2, also named as PVRL2, CD112, HVEB, PRR2 and PVRR2, is an adhesion molecule widely expressed in cell lines of different lineages, including hematopoietic, neuronal, endothelial and epithelial cells. CD112 belongs to a new family of immunoglobulin-like molecules that includes four members (CD111, CD112, PRR3 and CD155) sharing an ectodomain made of three Ig domains, of V and C types. CD112 is expressed in the myelo-monocytic and megakaryocytic hematopoietic lineages and the function in hematopoiesis is currently unknown. CD112 is an intercellular homophilic adhesion. CD112 localizes specifically at adherens junctions via its cytoplasmic interaction with the scaffold F-actin binding protein afadin. Disruption of the murine CD112 gene leads to infertility of male mice with morphologically aberrant spermatozoa. CD112 mediates entry of some alphaherpesvirus mutants (also named HveB) via its V domain. CD112 is involved in cell to cell spreading of viruses.

## Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

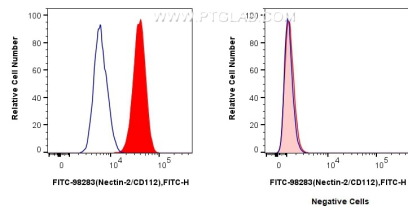
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> K-562 cells (left) or Daudi cells (right) were surface stained with 5  $\mu$ l FITC Plus Anti-Human Nectin-2/CD112 Rabbit RecAb (FITC-98283, Clone: 241725D3) (red), or FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9) (blue). Cells were not fixed.