

# PE Anti-Human Nectin-2/CD112 Rabbit Recombinant Antibody

Catalog Number: PE-98283

## Basic Information

<b>Catalog Number:</b> PE-98283	<b>GenBank Accession Number:</b> NM_001042724.2	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 100tests, 5 ul/test	<b>GeneID (NCBI):</b> 5819	<b>CloneNo.:</b> 241725D3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q92692-2	<b>Excitation/Emission maxima wavelengths:</b> 496 nm, 565 nm / 578 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> poliovirus receptor-related 2 (herpesvirus entry mediator B)	
<b>Immunogen Catalog Number:</b> EG1670	<b>Calculated MW:</b> 58 kDa	

## Applications

<b>Tested Applications:</b> FC	<b>Positive Controls:</b> FC : K562,
<b>Species Specificity:</b> human	

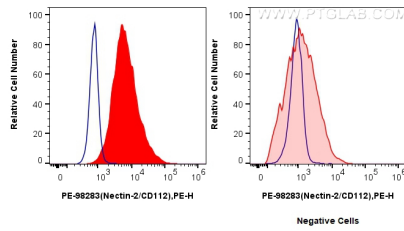
## Background Information

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

## Selected Validation Data



1x10<sup>6</sup> K562 (left) or Daudi cells (right) were stained with 0.25 ug PE Anti-Human Nectin-2/CD112 Rabbit RecAb (PE-98283, Clone: 241725D3)(red), or PE Rabbit IgG Isotype Control RecAb (PE-98136, Clone: 240953C9) (blue). Cells were not fixed.