

For Research Use Only

# Anti-Mouse CD226 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98495-1-PBS



## Basic Information

|                           |              |                           |               |                      |                        |
|---------------------------|--------------|---------------------------|---------------|----------------------|------------------------|
| Catalog Number:           | 98495-1-PBS  | GenBank Accession Number: | NM_178687.2   | Purification Method: | Protein A purification |
| Concentration:            | 1mg, 3 mg/ml | GeneID (NCBI):            | 225825        | CloneNo.:            | 250384G1               |
| Source:                   | Rabbit       | UNIPROT ID:               | Q8K4F0        |                      |                        |
| Isotype:                  | IgG          | Full Name:                | CD226 antigen |                      |                        |
| Immunogen Catalog Number: | EG1588       | Calculated MW:            | 39 kDa        |                      |                        |

## Applications

Tested Applications:  
FC

Species Specificity:  
mouse

## Background Information

CD226 (DNAM-1) is a ~65 kDa glycoprotein expressed on the surface of NK cells, platelets, monocytes and a subset of T cells. It is a member of the Ig-superfamily containing 2 Ig-like domains of the V-set. CD226 mediates cellular adhesion of platelets and megakaryocytic cells to vascular endothelial cells. The protein also plays a role in megakaryocytic cell maturation. Interactions of CD226 and its ligands, CD155 and CD112, induce NK and T cell-mediated cytotoxicity and cytokine secretion (PMID: 15039383).

## Storage

Storage:  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
Storage Buffer:  
PBS only, pH7.3

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

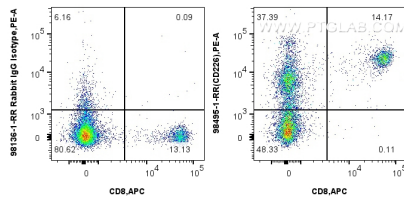
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## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD226 Rabbit RecAb (98495-1-RR, Clone: 250384G1) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Mouse CD8a. Cells were not fixed. This data was developed using the same antibody clone with 98495-1-PBS in a different storage buffer formulation.