

For Research Use Only

# CD226 Monoclonal antibody

Catalog Number: 67653-1-Ig



## Basic Information

<b>Catalog Number:</b> 67653-1-Ig	<b>GenBank Accession Number:</b> BC074787	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1600 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10666	<b>CloneNo.:</b> 7G7A4
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000150637	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Isotype:</b> IgG1	<b>UNIPROT ID:</b> Q15762	
<b>Immunogen Catalog Number:</b> AG12403	<b>Full Name:</b> CD226 molecule	
	<b>Calculated MW:</b> 336 aa, 39 kDa	
	<b>Observed MW:</b> 65 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human peripheral blood platelets,
<b>Species Specificity:</b> Human	

## 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

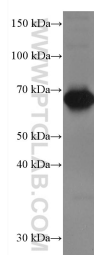
**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 67653-1-Ig (CD226 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.