

Datasheet for ABIN7321104

CD226 Protein (CD226) (Fc Tag)**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD226
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD226 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Rat CD226/DNAM-1 Protein (Fc Tag)(Active)
Sequence:	Met1-Ile265
Characteristics:	A DNA sequence encoding the rat CD226 (D3ZS97) (Met1-Ile265) was expressed with the Fc region of human IgG1 at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method
Biological Activity Comment:	Immobilized rat PVR-His at 10 µg/ml (100 µl/well) can bind rat CD226-Fc, The EC50 of rat CD226-Fc is 0.41-0.97 µg/ml.

Target Details

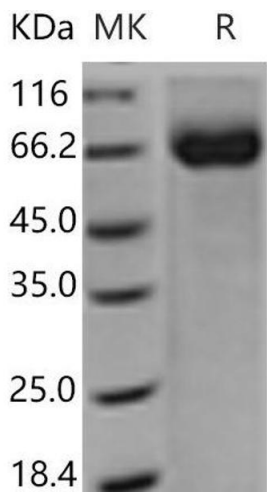
Target:	CD226
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Target Details

Alternative Name:	CD226/DNAM-1 (CD226 Products)
Background:	<p>Background: The cluster of differentiation (CD) system is commonly used as cell markers in immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules which associating with the immune function of the cell. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. CD226, also known as PTA1 or DNAM-1, is a member of the immunoglobulin superfamily containing 2 Ig-like domains of the V-set. High rate of CD226 (Cluster of Differentiation 226) is found on the surface of natural killer cells, platelets, monocytes and a subset of T cells. CD226 have binding sites with CD112 and CD155 and mediate cellular adhesion to other cells containing its ligands.</p> <p>Immune Checkpoint Detection: ELISA Antibodies Immune Checkpoint Detection: FCM Antibodies</p> <p>Immune Checkpoint ProteinsImmune Checkpoint Targets Co-stimulatory Immune Checkpoint Targets Immunotherapy Cancer Immunotherapy Targeted Therapy</p> <p>Synonym: CD226</p>
Molecular Weight:	53.6 kDa
UniProt:	D3ZS97
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cancer Immune Checkpoints

Application Details

Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.