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37-1343: Mouse CD226 / DNAM-1 Recombinant Protein (His Tag)(Discontinued)

Reactivity :	Mouse
Alternative Name :	BC051526 Protein, Mouse; DNAM-1 Protein, Mouse; DNAM1 Protein, Mouse; Pta1 Protein, Mouse; TLiSA1 Protein, Mouse

Description

Source : HEK293 Cells
The cluster of differentiation (CD) system is commonly used as cell markers in immunophynotyping. 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 32 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. Cancer Immunotherapy Co-stimulatory Immune Checkpoint Targets Immune Checkpoint Immune Checkpoint Detection: ELISA Antibodies Immune Checkpoint Detection: FCM Antibodies Immune Checkpoint Proteins Immune Checkpoint Targets Immunotherapy Targeted Therapy

Product Info

Amount :	1 Recombinant Protein (His Tag)(Discontinued) / 100 µg
Purification :	> 97 % as determined by SDS-PAGE
Content :	Formulation Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition :	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Amino Acid :	Met1-Pro254

Application Note

Measured by its binding ability in a functional ELISA . Immobilized mouse DNAM1 at 2 ÃÂµg/ml (100 ÃÂµL/well) can bind mouse CD155 with a linear ranger of 6.4-160 ng/ml.
Endotoxin :< 1.0 EU per ÃÂµg of the protein as determined by the LAL method

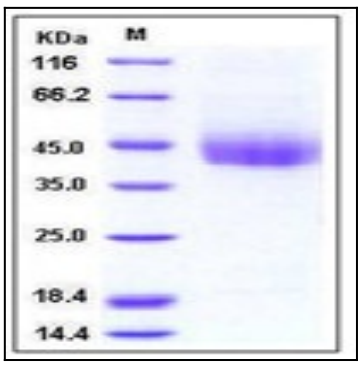


Fig 1: Mouse CD226 / DNAM-1 Recombinant Protein (His Tag)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.