

Datasheet for ABIN5684118
anti-CD226 antibody (AA 19-254)

3 Images

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Overview

Quantity:	0.1 mg
Target:	CD226
Binding Specificity:	AA 19-254
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD226 (AA: extra 19-254) expressed in E. coli.
Clone:	5E3A8
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD226
Alternative Name:	CD226 (CD226 Products)
Background:	Description: This gene encodes a 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. The protein mediates cellular adhesion of platelets and megakaryocytic

Target Details

cells to vascular endothelial cells. The protein also plays a role in megakaryocytic cell maturation. Alternative splicing results in multiple transcript variants.

Aliases: PTA1, DNAM1, DNAM-1, TLISA1

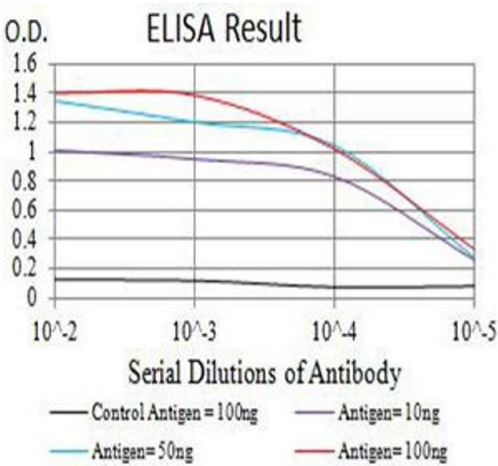
Molecular Weight:	38.6 kDa
Gene ID:	10666
HGNC:	3673
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cancer Immune Checkpoints

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: N/A, IHC: N/A
Restrictions:	For Research Use only

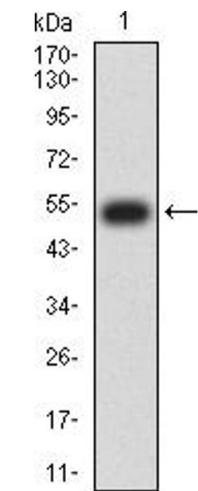
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



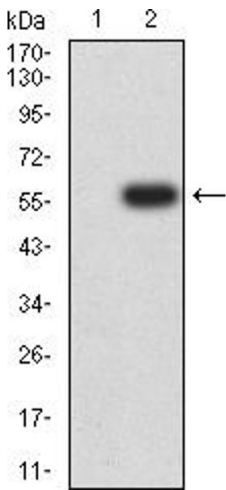
ELISA

Image 1. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 2. Western blot analysis using CD226 mAb against human CD226 (AA: extra 19-254) recombinant protein. (Expected MW is 52.7 kDa)



Western Blotting

Image 3. Western blot analysis using CD226 mAb against HEK293 (1) and CD226 (AA: extra 19-254)-hlgGFc transfected HEK293 (2) cell lysate.