

Datasheet for ABIN7092896
anti-CD226 antibody (AA 19-247)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	CD226
Binding Specificity:	AA 19-247
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD226 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant human DNAM-1 (Glu19-Asn247) (ABIN6961117) produced by using human HEK293 cells
Clone:	DM95
Isotype:	IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	CD226
Alternative Name:	DNAM1 (CD226 Products)
Background:	Synonyms: DNAM1, CD226, PTA1

Target Details

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

Molecular Weight: 38.6kDa

Gene ID: 10666

UniProt: [Q15762](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Cancer Immune Checkpoints](#)

Application Details

Application Notes: ELISA 1/5000-10000, Flow Cyt 1/100

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization., 0.1 % Procline 300

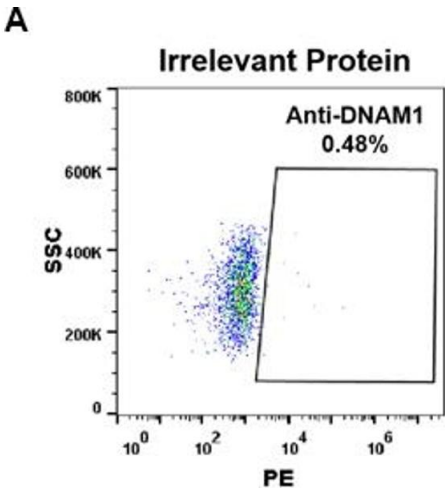
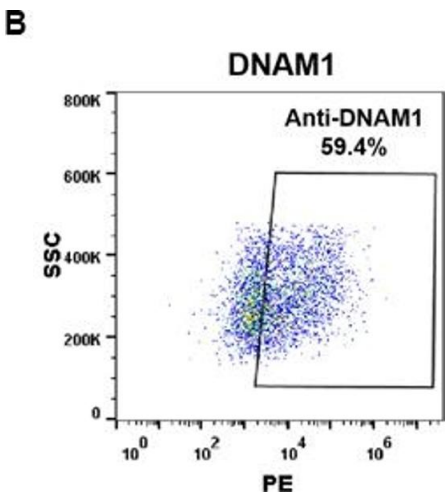
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



Flow Cytometry

Image 1.

Flow Cytometry

Image 2. Expi 293 cell line transfected with irrelevant protein (A) and human DNAM-1 (B) were surface stained with Rabbit anti-DNAM-1 monoclonal antibody 1 µg/mL (clone: DM95) followed by PE-conjugated anti-rabbit IgG secondary antibody.

ELISA

Image 3. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human DNAM-1 protein, mFc-His tagged protein ((ABIN6961117, ABIN7042263 and ABIN7042264)) can bind Rabbit anti-DNAM-1 monoclonal antibody(clone: DM95) in a linear range of 0.64-80 ng/mL.

