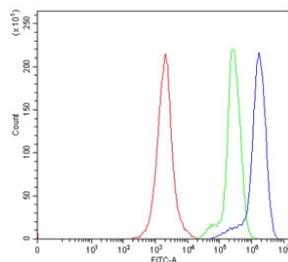


DNAM-1 Antibody / CD226 (RQ6841)

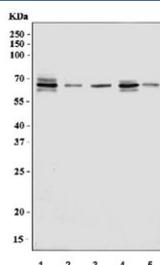
Catalog No.	Formulation	Size
RQ6841	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q15762
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This DNAM-1 antibody is available for research use only.



Flow cytometry testing of human Jurkat cells with DNAM-1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= DNAM-1 antibody.



Western blot testing of 1) human Jurkat, 2) human HT1080, 3) human A549, 4) human HEL and 5) mouse thymus tissue lysate with DNAM-1 antibody. Expected molecular weight: 35-70 kDa depending on glycosylation level.

Description

DNAM 1, also known as CD226, is a receptor expressed by peripheral blood T lymphocytes that is involved in intercellular adhesion, lymphocyte signaling, cytotoxicity and lymphokine secretion mediated by cytotoxic T lymphocytes. DNAM 1 is broadly expressed on T cells, NK cells, platelets, monocytes and a subset of B cells. DNAM-1 is also expressed by a subset of CD3 positive thymocytes. This antibody is reported to inhibit T- and NK cell mediated cytotoxicity against tumour cell targets and to block TNF alpha and IFN gamma secretion by alloantigen-specific T-cells.

Application Notes

Optimal dilution of the DNAM-1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids E19-A254) was used as the immunogen for the DNAM-1 antibody.

Storage

After reconstitution, the DNAM-1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.