

CD226 monoclonal antibody, clone DX11

Catalog # MAB5270

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native CD226.
Immunogen	Native purified CD226 from human cytotoxic T lymphocyte clone.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes human CD226, a 65kD glycoprotein, also known as DNAM1 (DNAX accessory molecule-1). CD226 is broadly expressed on T-cells, NK cells, platelets, monocytes and a subset of B cells. CD226 is also expressed by a subset of CD3 positive thymocytes. Clone DX11 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 (3).
Form	Liquid
Isotype	IgG1
Recommend Usage	Flow Cytometry (10ul of the suggested working dilution (1:25-1:100) to label 1×10^6 cells in 100ul) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunoprecipitation
- Flow Cytometry

Gene Info — CD226

Entrez GeneID [10666](#)

Gene Name CD226

Gene Alias DNAM-1, DNAM1, PTA1, TLISA1

Gene Description CD226 molecule

Omim ID [605397](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations CD226 antigen|DNAX accessory molecule-1|T lineage-specific activation antigen 1 antigen|adhesion glycoprotein|platelet and T cell activation antigen 1

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Churg-Strauss Syndrome](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Neoplasm Invasiveness](#)
- [Prostatic Neoplasms](#)

- [Psoriasis](#)
- [Tobacco Use Disorder](#)
- [Wegener Granulomatosis](#)