

## Product datasheet for **SM2023B**

### CD226 Mouse Monoclonal Antibody [Clone ID: DX11]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	DX11
Applications:	FC, IP
Recommended Dilution:	Flow Cytometry: Neat-1/10; Use 10µl of the suggested working dilution to label 1 x 10e6 cells in 100µl. Immunoprecipitation.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human cytotoxic T lymphocyte clone. Spleen cells from immunised BALB/c mouse were fused with cells of the Sp2/0 myeloma cell line.
Specificity:	This antibody recognises CD226. 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. We recommend the use of SM2023A for Funtional Studies.
Formulation:	PBS containing 0.09% Sodium Azide as preservative and 1.0% Bovine Serum Albumin as stabilizer. Label: Biotin State: Liquid purified IgG fraction.
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD226 molecule
Database Link:	<a href="#">Entrez Gene 10666 Human Q15762</a>



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**Background:** CD226 is 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.

**Synonyms:** DNAX accessory molecule 1, DNAM-1