

Product datasheet for **SM1174F**

CD100 / SEMA4D Mouse Monoclonal Antibody [Clone ID: A8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	A8
Applications:	FC
Recommended Dilution:	Flow Cytometry.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human PHA activated lymphocytes. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.
Specificity:	This antibody recognises the CD100 cell surface antigen.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC State: Liquid purified IgG fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	semaphorin 4D
Database Link:	Entrez Gene 10507 Human Q92854
Background:	CD100 is a 150kD homodimeric glycoprotein expressed at low levels by peripheral blood T cells, and at higher density on activated T cells and B cells.
Synonyms:	Semaphorin-4D, SEMAJ, BB18, A8, GR3



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