

## Product datasheet for **SM1927F**

### CD101 Mouse Monoclonal Antibody [Clone ID: BB27]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	BB27
Applications:	FC
Recommended Dilution:	Flow Cytometry (1/5-1/10): Use 10 µl of the suggested working dilution to label 10e6 cell in 100 µl.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human thymic clone B12.
Specificity:	This antibody recognises CD101. Clone BB27 has been reported to inhibit allogeneic T-cell responses.
Formulation:	PBS 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
Purification:	Affinity Chromatography on Protein G.
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:	CD101 molecule
Database Link:	<a href="#">Entrez Gene 9398 Human Q93033</a>



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**Background:** CD101 is a 140kD homodimeric cell surface glycoprotein expressed primarily by monocytes, granulocytes, dendritic cells and activated T lymphocytes. Studies suggest that CD101 plays a major role in the activation of T cells by skin dendritic cells.

**Synonyms:** IGSF2, EWI101, EWI-101, V7