

Product datasheet for **SM1927P**

CD101 Mouse Monoclonal Antibody [Clone ID: BB27]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BB27
Applications:	FC, IHC, IP
Recommended Dilution:	Flow Cytometry: 1/50 - 1/100; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Immunohistochemistry on frozen sections. Immunoprecipitation. Removal of sodium azide is recommended prior to use in functional assays.
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, pH7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
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:	CD101 molecule
Database Link:	Entrez Gene 9398 Human Q93033



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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