

SM1927P**Monoclonal Antibody to CD101 - Purified**

Alternate names:	Cell surface glycoprotein V7, EWI-101, EWI101, Glu-Trp-Ile EWI motif-containing protein 101, IGSF2, Immunoglobulin superfamily member 2, V7
Quantity:	0.2 mg
Concentration:	1.0 mg/ml
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.
Uniprot ID:	Q93033
NCBI:	NP_004249.2
GeneID:	9398
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	BB27
Immunogen:	Human thymic clone B12.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: PBS, pH7.4 containing 0.09% Sodium Azide
Applications:	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. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises CD101. Clone BB27 has been reported to inhibit allogeneic T-cell responses. Species: Human. Other species not tested.
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. Shelf life: one year from despatch.
General Readings:	1. Bagot, M. et al. (1997) CD101 is expressed by skin dendritic cells. Tissue Antigens. 50: 439 - 448.