



Anti-CD101 monoclonal antibody, clone BB27 [R-PE] (CABT-46931MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD101 antibody, clone BB27 recognizes human CD101. CD101 is a 140kDa 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. Mouse anti Human CD101 antibody, clone BB27 has been reported to inhibit allogeneic T-cell responses. Flow Cytometry Use 10ul of the suggested working dilution to label 10 ⁶ cell in 100ul.
Specificity	CD101
Immunogen	Human thymic clone B12
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	BB27
Conjugate	PE
Applications	IHC-Fr; FC; IP
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected

from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CD101 CD101 molecule [Homo sapiens (human)]
Official Symbol	CD101
Synonyms	CD101; CD101 molecule; V7; IGSF2; EWI-101; immunoglobulin superfamily member 2; leukocyte surface protein; cell surface glycoprotein V7; glu-Trp-Ile EWI motif-containing protein 101;
Entrez Gene ID	9398
Protein Refseq	NP_001243035
UniProt ID	Q93033
Chromosome Location	1p13
Function	hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in cyclic amides;