

Mouse anti-Human CD101 Monoclonal Antibody | anti-CD101 antibody

Anti-Hu CD101 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128431	Mouse	Human	Immunohistochemistry, Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD101; Monoclonal Antibody; Anti-Hu CD101 Purified; CD101 molecule; IGSF2; V7; EWI-101; anti-CD101 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	BB27
Specificity	The mouse monoclonal antibody BB27 recognizes an extracellular epitope of CD101, a 140 kDa disulfide-bonded homodimeric protein expressed on activated T cells, and some other cell types, such as granulocytes and cells of the monocyte/macrophage lineage.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	1021
Applicable Applications for anti-CD101 antibody	IHC (Immunohistochemistry), WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	Human thymic clone B12
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD101 antibody	CD101 is a type I transmembrane glycoprotein, which forms disulfide-linked homodimers. It is expressed on activated T cells, as well as on granulocytes, monocytes, dendritic cells or mucosal T cells. It plays a major role in the activation of T cells by skin dendritic cells. Function of CD101 has not been fully elucidated, but in mice its knock-out results in liver autoimmune disease induced by <i>Novosphingobium aromaticivorans</i> .
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NCBI AND UNIPROT INFORMATION

NCBI GI #	368711306
NCBI GeneID	9398
NCBI Accession #	NP_001243035.1
NCBI GenBank Nucleotide #	NP_001243035.1
UniProt Accession #	Q93033

NCBI Official Full Name	immunoglobulin superfamily member 2 isoform 1
NCBI Official Synonym Full Names	CD101 molecule
NCBI Official Symbol	CD101
NCBI Official Synonym Symbols	V7; IGSF2; EWI-101
NCBI Protein Information	immunoglobulin superfamily member 2
UniProt Protein Name	Immunoglobulin superfamily member 2
UniProt Gene Name	CD101
UniProt Synonym Gene Names	EWI101; IGSF2; V7; IgSF2; EWI-101
UniProt Entry Name	IGSF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd101-antibody-clone-bb27-immunohistochemistry-western-blot-immunoprecipitation-flow-cytometry-elisa/128431>