

Rabbit anti-Human, Rat CD101 Polyclonal Antibody | anti-CD101 antibody

CD101 Antibody

CATALOG # AAA310332	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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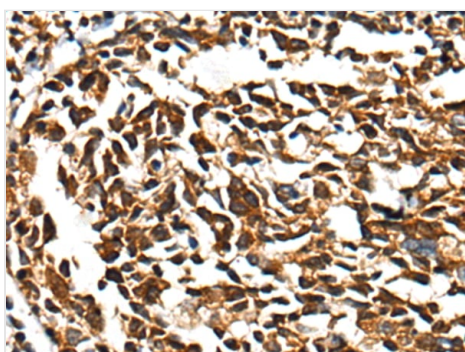
PRODUCT SYNONYMS

CD101; Polyclonal Antibody; CD101 Antibody; V7; IGSF2; EWI-101; anti-CD101 antibody

PRODUCT SPECIFICATIONS

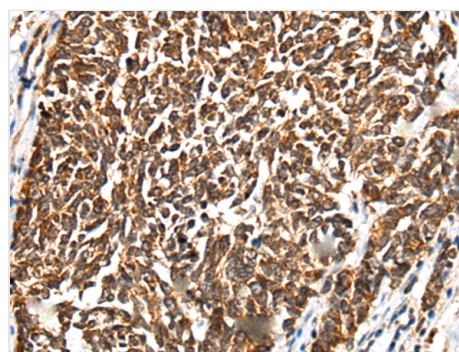
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CD101 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Supplied in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.3mg/ml (varies by lot)
Sequence Length	1021
Applicable Applications for anti-CD101 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide corresponding to internal residues of human CD101
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



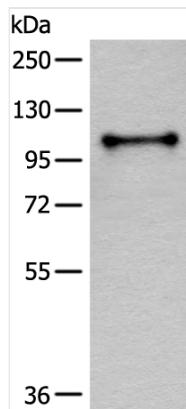
IHC (Immunohistochemisry)

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 46432(CD101 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohiostchemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 46432(CD101 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



SDS-PAGE

Gel: 6%SDS-PAGE lysate: 40 µg, Lane: Rat heart tissue lysate, Primary antibody: 46432E CD101 Antibody) at dilution 1/200 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 20 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-CD101 antibody	Plays a role as inhibitor of T-cells proliferation induced by CD3. Inhibits expression of IL2RA on activated T-cells and secretion of IL2. Inhibits tyrosine kinases that are required for IL2 production and cellular proliferation. Inhibits phospholipase C-gamma-1/PLCG1 phosphorylation and subsequent CD3-induced changes in intracellular free calcium. Prevents nuclear translocation of nuclear factor of activated T-cell to the nucleus. Plays a role in the inhibition of T-cell proliferation via IL10 secretion by cutaneous dendritic cells. May be a marker of CD4+ CD56+ leukemic tumor cells.
Product Categories/Family for anti-CD101 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	157694489
NCBI GeneID	9398
NCBI Accession #	NP_004249
NCBI GenBank Nucleotide #	NM_004258.5
UniProt Accession #	Q93033; Q15856
Molecular Weight	115 kDa
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

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.