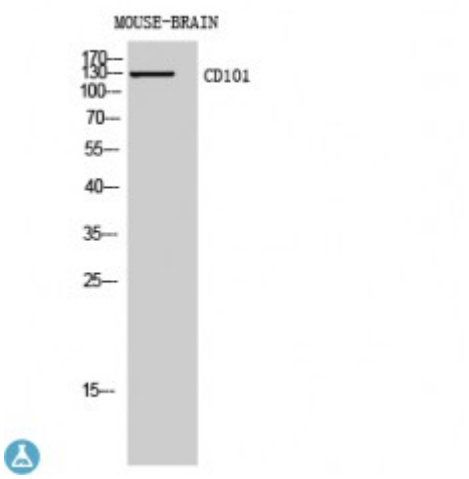
Anti-CD101 antibody



Description	Rabbit polyclonal to CD101.

Model	STJ97295
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human CD101.
Immunogen Region	731-780 aa, Internal
Gene ID	9398
Gene Symbol	CD101
Dilution range	WB 1:500-1:2000ELISA 1:10000
Specificity	CD101 Polyclonal Antibody detects endogenous levels of CD101 protein.
Tissue Specificity	Expressed in lung, thymus and small intestine. Detected in cutaneous dendritic cells, activated T-cells, monocytes and granulocytes as well as with epithelial cells with dendritic morphology. Expressed in some leukemic cells, the CD4(+) CD56(+) blastic tumor cells, as well as in Langerhans cells from LCH (Langerhans cell histiocytosis) patients.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Immunoglobulin superfamily member 2 IgSF2 Cell surface glycoprotein V7 Glu-Trp-Ile EWI motif-containing protein 101 EWI-101 CD antigen CD101

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5949OMIM:604516
Alternative Names	Immunoglobulin superfamily member 2 IgSF2 Cell surface glycoprotein V7 Glu-Trp-Ile EWI motif-containing protein 101 EWI-101 CD antigen CD101
Function	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.
Cellular Localization	Membrane
Post-translational Modifications	N-glycosylated.