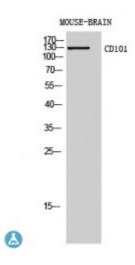


## Anti-CD101 antibody



**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.

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