

CD101 Antibody

Catalog No: #46432

Orders: order@signalwayantibody.com

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Description

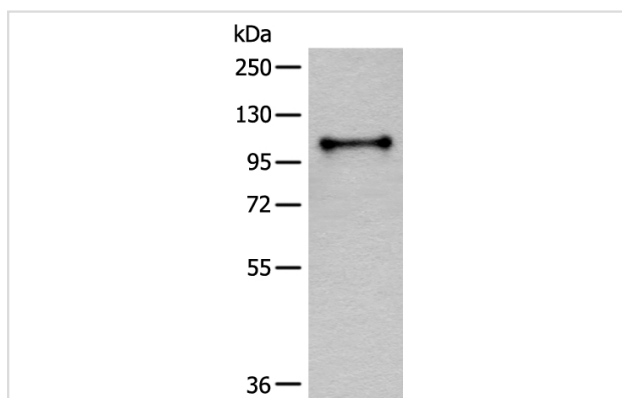
Product Name	CD101 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous levels of total CD101 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to internal residues of human CD101
Target Name	CD101
Other Names	V7; IGSF2; EWI-101
Accession No.	Swiss-Prot:Q93033NCBI Gene ID:9398NCBI Protein:NP_004249
Uniprot	Q93033
GeneID	9398;
Calculated MW	115 kDa
Concentration	0.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1: 25-100

Images



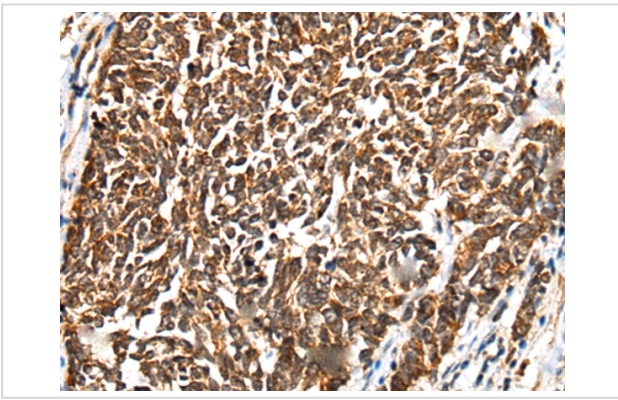
Gel: 6%SDS-PAGE

lysate: 40 µg, Lane: Rat heart tissue lysate,

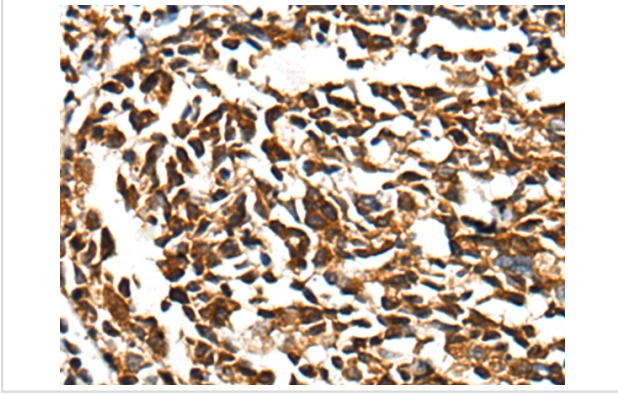
Primary antibody: 46432 (CD101 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 20 seconds



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)



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)

Background

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.

Note: This product is for in vitro research use only