

CD101 Polyclonal Antibody

Cat No: HR1AP5441

For research use only

Overview

Product Name	CD101 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	130kDa
GeneID?Human?	CD101
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CD101; EW1101; IGSF2; V7; Immunoglobulin superfamily member 2; IgSF2; Cell surface glycoprotein V7; Glu-Trp-Ile EW1 motif-containing protein 101; EW1-101; CD101
Background	<p>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.,PTM:N-glycosylated.,similarity:Contains 7 Ig-like C2-type (immunoglobulin-like) domains.,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.,</p>