

CD101 polyclonal antibody

Catalog: BS60915

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

CD101 is a disulfide-linked homodimeric polypeptide. The gene encoding the CD101 antigen is identical to the gene encoding for the V7 antigen, which corresponds to a type I transmembrane protein containing seven Ig-like loops in its extracellular domain. CD101 may play an important regulatory role during T cell activation and may also be useful in combination with other markers for the diagnosis of LCH (Langerhans cell histiocytosis). CD101 is expressed on monocytes, granulocytes, dendritic cells and at low levels on a subset of peripheral T-cells comprising both CD4+ and CD8+, as well as both CD45RA+ and CD45RO+ cells. Expression of CD101 increases upon T cell activation.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 115 kDa

Swiss-Prot:

Q93033

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

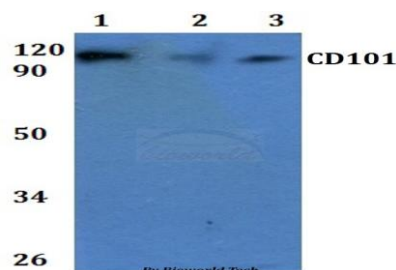
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CD101 polyclonal antibody detects endogenous levels of CD101 protein.

DATA:



Western blot (WB) analysis of CD101 polyclonal antibody at 1:500 dilution Lane1:HEK293T whole cell lysate

Lane2:RAW264.7 whole cell lysate Lane3:H9C2 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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