

CD101 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3446
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD101 (AA: extra 22-168) expressed in E. Coli.
Mol wt	115kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	V7;IGSF2;EWI-101

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CD101 (CD101 Molecule) is a Protein Coding gene. Diseases associated with CD101 include Langerhans Cell Histiocytosis and Histiocytosis. Among its related pathways are Innate Lymphoid Cell Differentiation Pathways and Innate Immune System. Gene Ontology (GO) annotations related to this gene include hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in cyclic amides. An important paralog of this gene is IGSF3.

Recommended Dilution

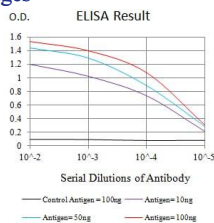
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

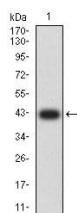
ELISA: 1:10000

Not yet tested in other applications.

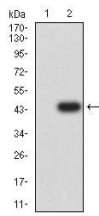
Images



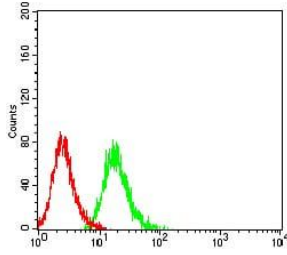
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using CD101 mAb against human CD101 (AA: extra 22-168) recombinant protein. (Expected MW is 42.2 kDa)



Western blot analysis using CD101 mAb against HEK293 (1) and CD101 (AA: extra 22-168)-hlgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HL-60 cells using CD101 mouse mAb (green) and negative control (red).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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