

CD369 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2688
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD369 (AA: extra 66-247) expressed in E. Coli.
Mol wt	27.6kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	CLEC7A;BGR;CANDF4;SCARE2;DECTIN1;CLECSF12

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

Background

This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. The encoded glycoprotein is a small type II membrane receptor with an extracellular C-type lectin-like domain fold and a cytoplasmic domain with an immunoreceptor tyrosine-based activation motif. It functions as a pattern-recognition receptor that recognizes a variety of beta-1,3-linked and beta-1,6-linked glucans from fungi and plants, and in this way plays a role in innate immune response. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region.

Recommended Dilution

WB: 1:500 - 1:2000

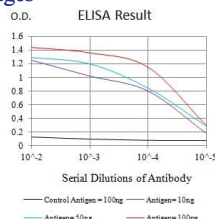
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

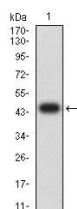
ELISA: 1:10000

Not yet tested in other applications.

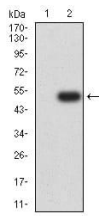
Images



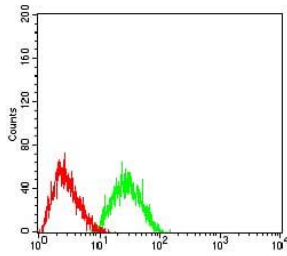
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



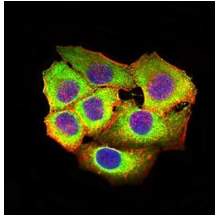
Western blot analysis using CD369 mAb against human CD369 (AA: extra 66-247) recombinant protein. (Expected MW is 46.5 kDa)



Western blot analysis using CD369 mAb against HEK293 (1) and CD369 (AA: extra 66-247)-hlgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HL-60 cells using CD369 mouse mAb (green) and negative control (red).



Immunofluorescence analysis of HeLa cells using CD369 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

Storage

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

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