

CXCL9 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3444
Host	Mouse
Isotype	Mouse IgG2a
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CXCL9 (AA: 23-125) expressed in E. Coli.
Mol wt	14kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	CMK;MIG;Humig;SCYB9;crg-10

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

Background

This antimicrobial gene encodes a protein thought to be involved in T cell trafficking. The encoded protein binds to C-X-C motif chemokine 3 and is a chemoattractant for lymphocytes but not for neutrophils.

Recommended Dilution

WB: 1:500 - 1:2000

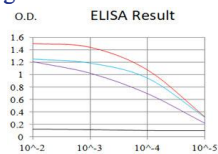
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

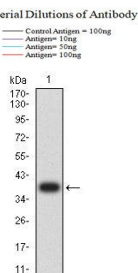
ELISA: 1:10000

Not yet tested in other applications.

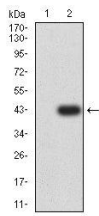
Images



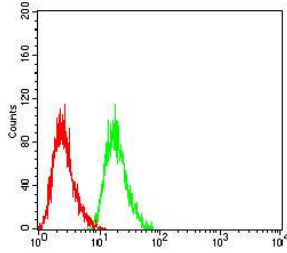
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



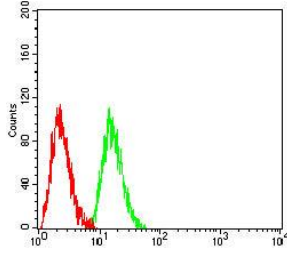
Western blot analysis using CXCL9 mAb against human CXCL9 (AA: 23-125) recombinant protein. (Expected MW is 37.7 kDa)



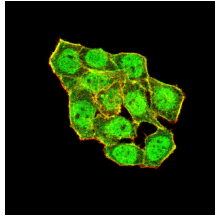
Western blot analysis using CXCL9 mAb against HEK293-6e (1) and human CXCL9 (AA: 23-125)-hlgGfc transfected HEK293-6e (2) cell lysate.



Flow cytometric analysis of HL-60 cells using CXCL9 mouse mAb (green) and negative control (red).



Flow cytometric analysis of THP-1 cells using CXCL9 mouse mAb (green) and negative control (red).



Immunofluorescence analysis of HeLa cells using CXCL9 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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