

## CX3CR1 Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA4229
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human CX3CR1 (AA: extra mix) expressed in E. Coli.
<b>Mol wt</b>	40.4kDa
<b>Species reactivity</b>	Others
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	ICC,FCM
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	V28;CCRL1;GPR13;CMKDR1;GPRV28;CMKBRL1

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

### Background

Fractalkine is a transmembrane protein and chemokine involved in the adhesion and migration of leukocytes. The protein encoded by this gene is a receptor for fractalkine. The encoded protein also is a coreceptor for HIV-1, and some variations in this gene lead to increased susceptibility to HIV-1 infection and rapid progression to AIDS. Four transcript variants encoding two different isoforms have been found for this gene.

### Recommended Dilution

WB: 1:500 - 1:2000

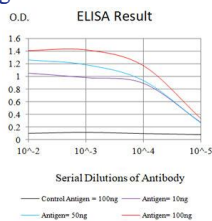
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

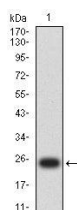
ELISA: 1:10000

Not yet tested in other applications.

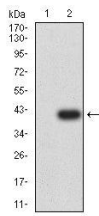
### Images



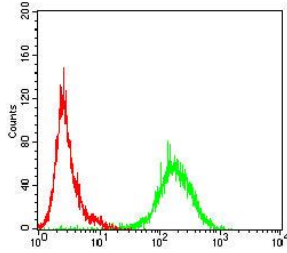
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



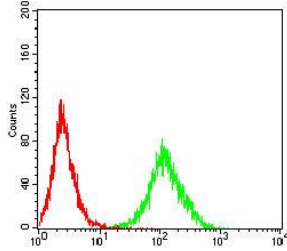
Western blot analysis using CX3CR1 mAb against human CX3CR1 (AA: extra mix) recombinant protein. (Expected MW is 24 kDa)



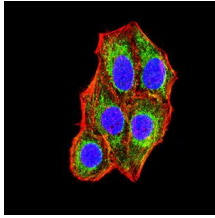
Western blot analysis using CX3CR1 mAb against HEK293-6e (1) and CX3CR1 (AA: extra mix)-hlgGFc transfected HEK293-6e (2) cell lysate.



Flow cytometric analysis of Jurkat cells using CX3CR1 mouse mAb (green) and negative control (red).



Flow cytometric analysis of THP-1 cells using CX3CR1 mouse mAb (green) and negative control (red).



Immunofluorescence analysis of HeLa cells using CX3CR1 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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