

CX3CR1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CX3CR1.

Catalog # AT1687a

Specification

CX3CR1 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	P49238
Other Accession	BC028078
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	40396

CX3CR1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 1524

Other Names

CX3C chemokine receptor 1, C-X3-C CKR-1, CX3CR1, Beta chemokine receptor-like 1, CMK-BRL-1, CMK-BRL1, Fractalkine receptor, G-protein coupled receptor 13, V28, CX3CR1, CMKBRL1, GPR13

Target/Specificity

CX3CR1 (AAH28078, 1 a.a. ~ 36 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

CX3CR1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

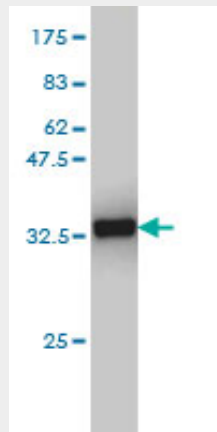
CX3CR1 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

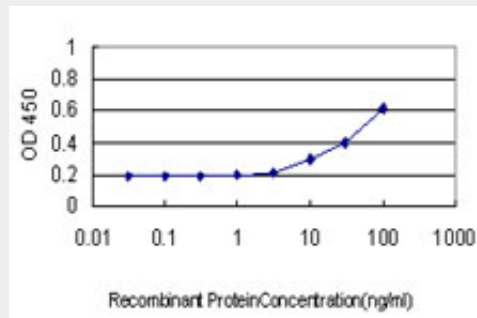
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CX3CR1 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (29.7 KDa) .



Detection limit for recombinant GST tagged CX3CR1 is approximately 10ng/ml as a capture antibody.

CX3CR1 Antibody (monoclonal) (M01) - 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.

CX3CR1 Antibody (monoclonal) (M01) - References

1. The involvement of the fractalkine receptor in the transmigration of neuroblastoma cells through bone-marrow endothelial cells. Nevo I, Sagi-Assif O, Meshel T, Ben-Baruch A, Johrer K, Greil R, Trejo LE, Kharenko O, Feinmesser M, Yron I, Witz IP. *Cancer Lett.* 2009 Jan 8;273(1):127-39. Epub 2008 Sep 7.