

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

Format

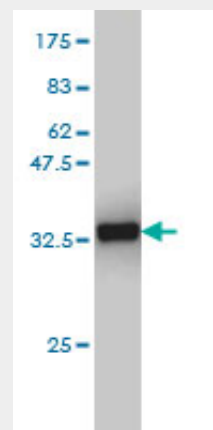
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

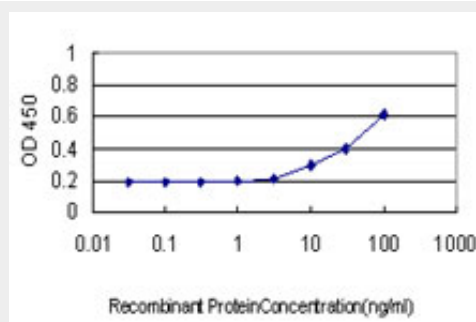
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

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



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) -
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) -
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.