Product Datasheet

# CX3CR1 antibody

Catalog No: #38481

Package Size: #38481-1 50ul #38481-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

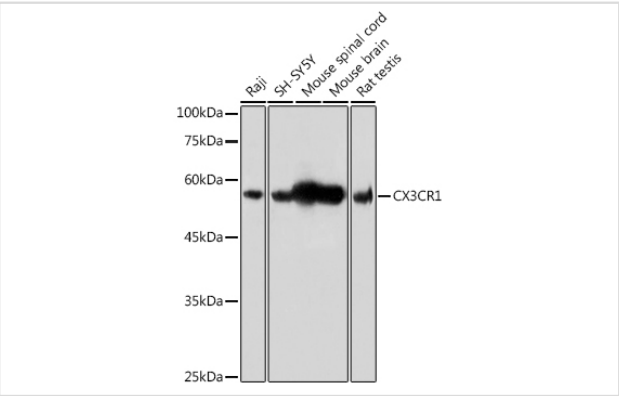
## Description

| | |
|---|---|
| Product Name | CX3CR1 antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Affinity purification |
| Applications | WB,IHC,IF |
| Species Reactivity | Human;Mouse;Rat |
| Specificity | The antibody detects endogenous level of total CX3CR1 protein. |
| Immunogen Type | Peptide |
| Immunogen Description | A synthetic peptide of human CX3CR1 |
| Conjugates | Unconjugated |
| Target Name | CX3CR1 |
| Other Names | CX3CR1;CCRL1;CMKBRL1;CMKDR1;GPR13;GPRV28;V28 |
| Accession No. | Uniprot:P49238GeneID:1524 |
| SDS-PAGE MW | 52KDa |
| Concentration | 1.0mg/ml |
| Formulation | PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. |

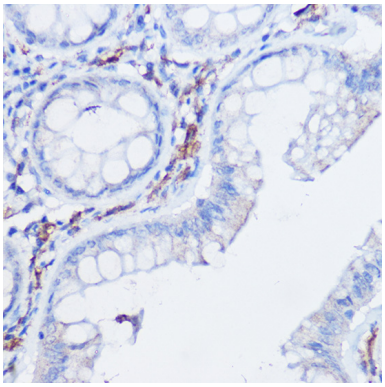
## Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

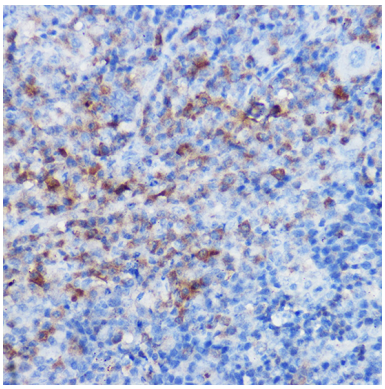
## Images



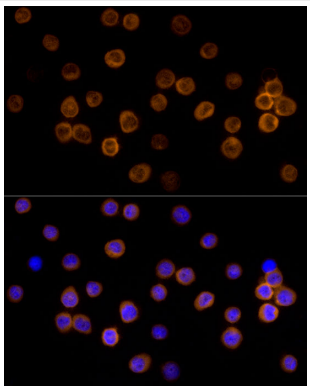

Western blot analysis of extracts of various cell lines, using CX3CR1 antibody.



Immunohistochemistry of paraffin-embedded human colon carcinoma using CX3CR1 Rabbit pAb.



Immunohistochemistry of paraffin-embedded rat spleen using CX3CR1 Rabbit pAb.



Immunofluorescence analysis of THP-1 cells using CX3CR1 Rabbit pAb.

## 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.

## Published Papers

el at., Dysregulated expression of miR-140 and miR122 compromised microglial chemotaxisand led to reduced restriction of ADpathology, , (2024)

PMID:

Song Chao;Li Shufang;Mai Yingren;Li Linpeng;Dai Guoku;Zhou Yuan;Liang Xiaosheng;Zou Olivia Meilan;Wang Ya;Zhou Libing;Liu Jun;Zou Yi el at., Dysregulated expression of miR-140 and miR-122 compromised microglial chemotaxis and led to reduced restriction of AD pathology, , (2024)

PMID: