

Datasheet for ABIN733583

anti-CX3CR1 antibody (AA 151-250)**4** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CX3CR1
Binding Specificity:	AA 151-250
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CX3CR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CX3CR1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CX3CR1
Alternative Name:	CX3CR1 (CX3CR1 Products)

Target Details

Background:	Synonyms: V28, CCRL1, GPR13, CMKDR1, GPRV28, CMKBRL1, 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 Background: Receptor for the CX3C chemokine fractalkine and mediates both its adhesive and migratory functions. Acts as coreceptor with CD4 for HIV-1 virus envelope protein (in vitro). Isoform 2 and isoform 3 seem to be more potent HIV-1 coreceptors than isoform 1.
Gene ID:	1524
UniProt:	P49238
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Sun, Lin, Liu, Gong, Liegl, Fredrick, Meng, Burnim, Wang, Akula, Pu, Chen, Smith: "Inflammatory
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signals from photoreceptor modulate pathological retinal angiogenesis via c-Fos." in: **The Journal of experimental medicine**, Vol. 214, Issue 6, pp. 1753-1767, (2017) ([PubMed](#)).

Images

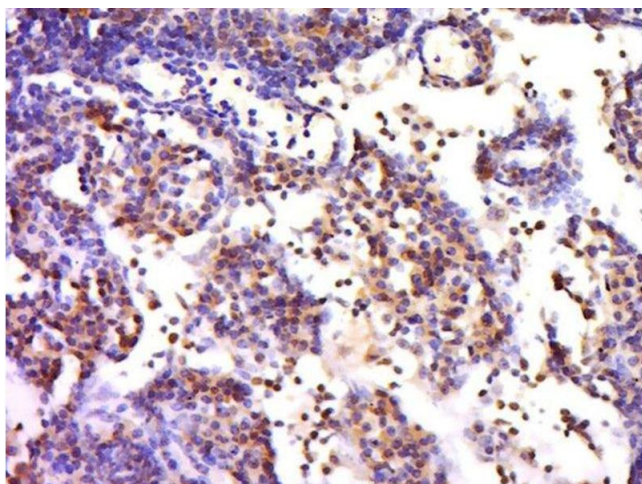
**Immunohistochemistry (Paraffin-embedded Sections)**

Image 1. Paraformaldehyde-fixed, paraffin embedded mouse lymph, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-CX3CR1 Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary and DAB staining.

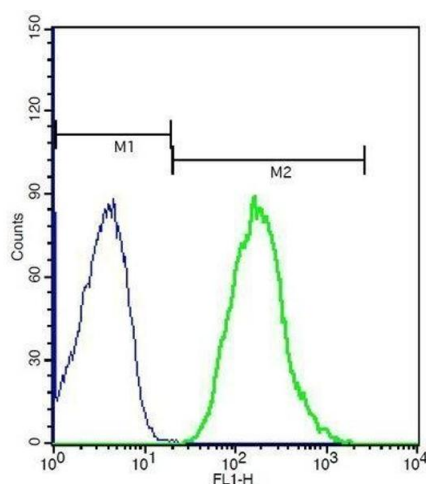
**Flow Cytometry**

Image 2. Mouse splenocytes probed with Rabbit Anti-CX3CR1 Polyclonal Antibody, FITC Conjugated .

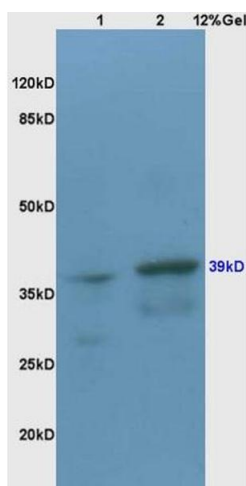
**SDS-PAGE**

Image 3. Lane 1: rat brain lysates Lane 2: mouse heart lysates probed with Anti CX3CR1 Polyclonal Antibody, Unconjugated (ABIN733583) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 39kD. Observed band size: 39kD.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN733583.