# abcam

## Product datasheet

## Anti-CX3CR1 antibody ab8020

★★★★ 7 Abreviews 14 References 3 图像

#### 概述

产品名称 Anti-CX3CR1抗体

描述 兔多克隆抗体to CX3CR1

宿主 Rabbit

经测试应用 适用于: IHC-P. WB

不适用干: ICC/IF

种属反应性 与反应: Human

预测可用于: Mouse, Rat 🗥

免疫原 Synthetic peptide, corresponding to amino acids 175-189 of Human CX3CR 1.

阳性对照 THP-1 cell lysate

常规说明 The Life Science industry has been in the grips of a reproducibility crisis for a number of years.

> Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets

your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be

found below, along with publications, customer reviews and Q&As

性能

形式

存放说明 Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at +4°C.

存储溶液 pH: 7.2

Preservative: 0.02% Sodium azide

纯度 Affinity purified

克隆 多克降

同种型 laG

应用

Abpromise™承诺保证使用ab8020于以下的经测试应用 The Abpromise guarantee

#### "应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P	<b>★★★★</b> <u>(1)</u>	Use a concentration of 10 µg/ml.
WB	★★★★☆ (3)	Use a concentration of 1 µg/ml. Predicted molecular weight: 50 kDa.

应用说明 Is unsuitable for ICC/IF.

#### 靶标

功能 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

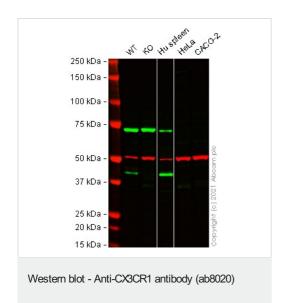
isoform 3 seem to be more potent HIV-1 coreceptors than isoform 1.

组织特异性 Expressed in lymphoid and neural tissues.

序列相似性 Belongs to the G-protein coupled receptor 1 family.

细**胞定位** Cell membrane.

## 图片



All lanes : Anti-CX3CR1 antibody (ab8020) at 1  $\mu$ g/ml

Lane 1: Wild-type THP-1 cell lysate

Lane 2: CX3CR1 knockout THP-1 cell lysate

Lane 3: Human Spleen cell lysate

Lane 4 : HeLa cell lysate

Lane 5 : Caco-2 cell lysate

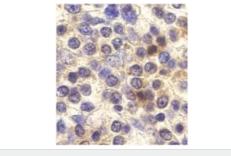
Lysates/proteins at 20  $\mu g$  per lane.

Performed under reducing conditions.

**Predicted band size:** 50 kDa **Observed band size:** 42 kDa

False colour image of Western blot: Anti-CX3CR1 antibody staining at 1 ug/ml, shown in green; Mouse anti-Alpha Tubulin [DM1A] (ab7291) loading control staining at 1/20000 dilution, shown in red. In Western blot, ab8020 was shown to bind specifically to CX3CR1. A band was observed at 42 kDa in wild-type THP-1 cell lysates with no signal observed at this size in CX3CR1 knockout cell line

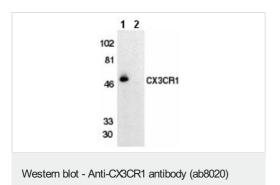
<u>ab273713</u> (knockout cell lysate <u>ab275510</u>). To generate this image, wild-type and CX3CR1 knockout THP-1 cell lysates were analysed. First, samples were run on an SDS-PAGE gel then transferred onto a nitrocellulose membrane. Membranes were blocked in 5 % milk in TBS-0.1 % Tween<sup>®</sup> 20 (TBS-T) before incubation with primary antibodies overnight at 4 °C. Blots were washed four times in TBS-T, incubated with secondary antibodies for 1 h at room temperature, washed again four times then imaged. Secondary antibodies used were Goat anti-Rabbit IgG H&L (IRDye<sup>®</sup> 800CW) preabsorbed (<u>ab216773</u>) and Goat anti-Mouse IgG H&L (IRDye<sup>®</sup> 680RD) preabsorbed (<u>ab216776</u>) at 1/20000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-CX3CR1 antibody

(ab8020)

ab8020 at 10µg/ml staining CX3CR1 in human spleen cells by IHC



All lanes: Anti-CX3CR1 antibody (ab8020) at 1/500 dilution

Lane 1: THP-1 cell lysate with absence of blocking peptide

Lane 2: THP-1 cell lysate with presence of blocking peptide

Predicted band size: 50 kDa
Observed band size: 50 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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