



Product datasheet

Anti-CXCR2 antibody ab65968

★ ★ ★ ★ ★ [1 Abreviews](#) [9 References](#) [2 Images](#)

Overview

Product name	Anti-CXCR2 antibody
Description	Rabbit polyclonal to CXCR2
Host species	Rabbit
Specificity	No cross reactivity with other proteins.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide corresponding to Human CXCR2 aa 196-212 (internal sequence). Different from the related mouse sequence by six amino acids. Sequence: CYEDMGNNTANWRMLLR <div>  Run BLAST with  Run BLAST with </div>
Positive control	WB: Rat spleen, rat kidney, rat brain, mouse testis, human rectal cancer, and mouse brain tissue lysates and HEPA whole cell lysate.
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
Purity	Immunogen affinity purified
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab65968 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★ ★ ★ ★ ★ (1)	Use a concentration of 0.1 - 0.5 µg/ml. Detects a band of approximately 41 kDa (predicted molecular weight: 41 kDa).

Target

Function

Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. Binds to IL-8 with high affinity. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.

Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

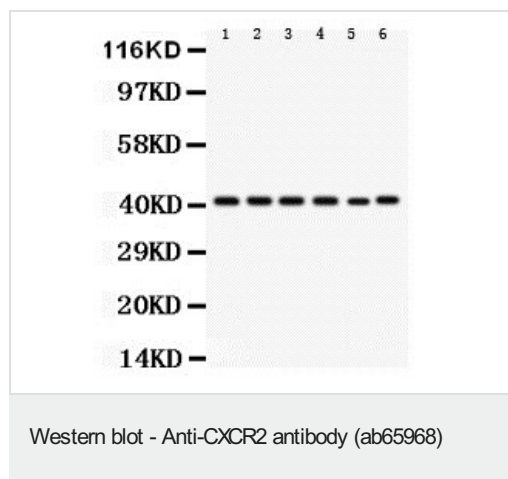
Post-translational modifications

Phosphorylated upon ligand binding; which is required for desensitization.

Cellular localization

Cell membrane.

Images



All lanes : Anti-CXCR2 antibody (ab65968) at 0.5 µg/ml

Lane 1 : Rat spleen tissue lysate at 50 µg

Lane 2 : Rat kidney tissue lysate at 50 µg

Lane 3 : Rat brain tissue lysate at 50 µg

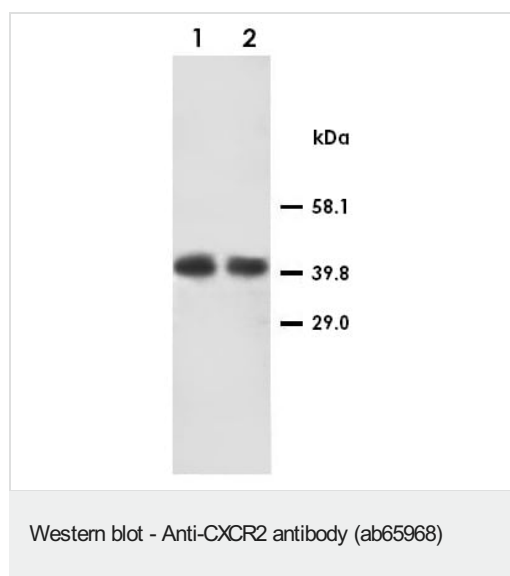
Lane 4 : Mouse testis tissue lysate at 50 µg

Lane 5 : HEPA whole cell lysate at 40 µg

Lane 6 : Mouse brain tissue lysate at 50 µg

Predicted band size: 41 kDa

Observed band size: 41 kDa



All lanes : Anti-CXCR2 antibody (ab65968)

All lanes : Human rectal cancer tissue lysate

Predicted band size: 41 kDa

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors