

Datasheet: AHP566

BATCH NUMBER 172930

Description:	RABBIT ANTI HUMAN CX3CR1
Specificity:	CX3CR1
Other names:	FRACTALKINE RECEPTOR
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/500

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to CX3CR1 were raised by repeated immunisation of rabbit with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Sodium Azide
Approx. Protein	IgG concentration 1 mg/ml

Concentrations

Immunogen Peptide corresponding to amino acids 175 to 189 of human CX3CR1.

External Database Links

UniProt:

[P49238](#) [Related reagents](#)

Entrez Gene:

[1524](#) CX3CR1 [Related reagents](#)

Synonyms CMKBRL1, GPR13

RRID AB_2087422

Specificity **Rabbit anti human CX3CR1 polyclonal antibody** recognizes CX3CR1, a seven transmembrane protein recently identified as a receptor for fractalkine. CX3CR1 is expressed in a variety of human tissues and mediates leucocyte adhesion and migration.

References

1. Corcione, A. *et al.* (2009) CX3CR1 is expressed by human B lymphocytes and mediates CX3CL1 driven chemotaxis of tonsil centrocytes. [PLoS One. 4: e8485.](#)
2. Yildirim, C. *et al.* (2023) Parkinson's disease-derived α -Synuclein assemblies combined with chronic-type inflammatory cues promote a neurotoxic microglial phenotype. [bioRxiv. Dec 9 \[Epub ahead of print\].](#)

Further Reading

1. Imai, T. *et al.* (1997) Identification and molecular characterization of fractalkine receptor CX3CR1, which mediates both leukocyte migration and adhesion. [Cell. 91: 521-30.](#)

Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/AHP566>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M385931:210513'

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