

## Datasheet: AHP566

<b>Description:</b>	RABBIT ANTI HUMAN CX3CR1
<b>Specificity:</b>	CX3CR1
<b>Other names:</b>	FRACTALKINE RECEPTOR
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

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

<b>Immunogen</b>	Peptide corresponding to amino acids 175 to 189 of human CX3CR1.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P49238</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">1524</a>    CX3CR1    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	CMKBRL1, GPR13
<b>RRID</b>	AB_2087422
<b>Specificity</b>	<b>Rabbit anti human CX3CR1 polyclonal antibody</b> 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.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Corcione, A. <i>et al.</i> (2009) CX3CR1 is expressed by human B lymphocytes and mediates CX3CL1 driven chemotaxis of tonsil centrocytes. <a href="#">PLoS One. 4: e8485.</a></li> <li>2. Yildirim, C. <i>et al.</i> (2023) Parkinson's disease-derived <math>\alpha</math>-Synuclein assemblies combined with chronic-type inflammatory cues promote a neurotoxic microglial phenotype. <a href="#">bioRxiv. Dec 9 [Epub ahead of print].</a></li> </ol>
<b>Further Reading</b>	1. Imai, T. <i>et al.</i> (1997) Identification and molecular characterization of fractalkine receptor CX3CR1, which mediates both leukocyte migration and adhesion. <a href="#">Cell. 91: 521-30.</a>
<b>Storage</b>	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP566">https://www.bio-rad-antibodies.com/SDS/AHP566</a> 10040
<b>Regulatory</b>	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)

**North & South** Tel: +1 800 265 7376

**Worldwide**

Tel: +44 (0)1865 852 700

**Europe**

Tel: +49 (0) 89 8090 95 21

**America** Fax: +1 919 878 3751

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

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