

Datasheet: AHP568

**BATCH NUMBER 157987**

<b>Description:</b>	RABBIT ANTI HUMAN CD195 (CCR5)
<b>Specificity:</b>	CD195
<b>Other names:</b>	CCR5
<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 (1)	▪			20 ug/ml
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/1000

Where this product 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 product for use in their own system using appropriate negative/positive controls.

**(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.**

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antiserum to CCR5 was raised by repeated immunization 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 6 to 20 of human CCR5.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P51681</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">1234</a>    CCR5    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	CMKBR5
<b>RRID</b>	AB_323419
<b>Specificity</b>	<b>Rabbit anti Human CD195 antibody</b> recognizes the N-terminal region of the chemokine receptor CCR5, also known as CD195. CCR5 is a receptor for the beta chemokines RANTES, MIP-1alpha and MIP-1beta.
<b>Histology Positive Control Tissue</b>	Human lymph node.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Mi, Z. <i>et al.</i> (2011) Osteopontin Promotes CCL5-Mesenchymal Stromal Cell Mediated Breast Cancer Metastasis. <a href="#">Carcinogenesis. 32: 477-87.</a></li> <li>2. Ghosh, R. <i>et al.</i> (2013) Study of CC chemokine receptor 5 in renal allograft rejection. <a href="#">Indian J Nephrol. 23: 196-200.</a></li> </ol>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.</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/AHP568">https://www.bio-rad-antibodies.com/SDS/AHP568</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

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

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

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