

Datasheet: AHP568

Description:	RABBIT ANTI HUMAN CD195 (CCR5)
Specificity:	CD195
Other names:	CCR5
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 (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.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to CCR5 was raised by repeated immunization 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 Concentrations	IgG concentration 1 mg/ml
Immunogen	Peptide corresponding to amino acids 6 to 20 of human CCR5.
External Database Links	<p>UniProt: P51681 Related reagents</p> <p>Entrez Gene: 1234 CCR5 Related reagents</p>
Synonyms	CMKBR5
RRID	AB_323419
Specificity	Rabbit anti Human CD195 antibody 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.
Histology Positive Control Tissue	Human lymph node.
References	<ol style="list-style-type: none"> 1. Mi, Z. <i>et al.</i> (2011) Osteopontin Promotes CCL5-Mesenchymal Stromal Cell Mediated Breast Cancer Metastasis. Carcinogenesis. 32: 477-87. 2. Ghosh, R. <i>et al.</i> (2013) Study of CC chemokine receptor 5 in renal allograft rejection. Indian J Nephrol. 23: 196-200.
Storage	<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>
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/AHP568 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Sheep Anti Rabbit IgG (STAR35...)	RPE

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

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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

'M385980:210513'

Printed on 18 Jan 2024

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