

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

RRID AB_323419

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 Antisera to CCR5 were raised by repeated immunisation of rabbit with highly purified antigen.

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**

UniProt:

[P51681](#) [Related reagents](#)

Entrez Gene:

[1234](#) [CCR5](#) [Related reagents](#)

Synonyms

CMKBR5

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

1. Mi, Z. *et al.* (2011) Osteopontin Promotes CCL5-Mesenchymal Stromal Cell Mediated Breast Cancer Metastasis. [Carcinogenesis. 32: 477-87.](#)
2. Ghosh, R. *et al.* (2013) Study of CC chemokine receptor 5 in renal allograft rejection. [Indian J Nephrol. 23: 196-200.](#)

Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

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.

Guarantee

18 months from date of despatch.

**Health And Safety
Information**

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

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)

Recommended Useful Reagents

- [ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)
[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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