

Datasheet: AHP1809

BATCH NUMBER 161110

Description:	GOAT ANTI HUMAN CD194
Specificity:	CD194
Other names:	CCR4
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	▪			Neat
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			1/50 - 1/100
ELISA	▪			1/10,000 - 1/30,000
Immunoprecipitation			▪	
Western Blotting	▪			1/100 - 1/500

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.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to human CD194 was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative	0.1% Sodium Azide (NaN ₃)
Stabilisers	0.1% Bovine Serum Albumin
Approx. Protein	IgG concentration 1.0mg/ml

Concentrations

Immunogen Synthetic peptide SNYYLYESIPKPCTKEGIKAFGE corresponding to amino acids 17-39 of human CD194.

External Database

Links

UniProt:

[P51679](#) [Related reagents](#)

Entrez Gene:

[1233](#) CCR4 [Related reagents](#)

Synonyms CMKBR4

RRID AB_2074495

Specificity **Goat anti Human CD194 antibody** recognises human CD194, otherwise known as CCR4 or C-C chemokine receptor type 4. CD194 is a transmembrane glycoprotein and member of the G-protein coupled receptor 1 family, preferentially expressed by CD4+ Th2 (type 2 helper T) cells, which acts as a high affinity receptor for the chemokines MDC (macrophage-derived chemokine), MCP-1, MIP-1, RANTES and TARC.

Flow Cytometry Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul.

Histology Positive Control Tissue Spleen

Storage Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10041 available at:
<https://www.bio-rad-antibodies.com/SDS/AHP1809>
10041

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

Recommended Useful Reagents

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

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

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_us@bio-rad.com

Email: antibody_sales_uk@bio-rad.com

Email: antibody_sales_de@bio-rad.com

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

'M364050:200529'

Printed on 25 Mar 2023

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)