

Datasheet: AHP1809

BATCH NUMBER 163811

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

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 $2-8^{\circ}\text{C}$ for short term use (up to 4 weeks) and store the remaining aliquots at -20°C .

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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 \(BUF025A\)](#)

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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

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