Datasheet: AHP1807

Description:	GOAT ANTI HUMAN CD195 (N-TERMINAL)
Specificity:	CD195 (N-TERMINAL)
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)	▪			1/300
ELISA	▪			1/50000
Immunoprecipitation			▪	
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click here to learn how we validate our PrecisionAb range. 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 the appropriate negative/positive controls.

(1)**This product may require antigen retrieval using EDTA buffer.**

Target Species

Human

Species Cross Reactivity

Reacts with: Macaque

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation	Antiserum to human CD195 (NT) was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN_3) 0.1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Synthetic peptide YQVSSPIYDINYYTSEPCQKINVKQIAA corresponding to amino acids 3-30 within the N-terminal region of human CD195.
External Database Links	**UniProt:** P51681 Related reagents **Entrez Gene:** 1234 CCR5 Related reagents
Synonyms	CMKBR5
RRID	AB_2072694
Specificity	**Goat anti Human CD195 antibody**recognizes human CD195, also known as C-C chemokine receptor type 5, CCR5 or C-C CKR-5. CD195 is a 353 amino acid ~37 kDa multiple pass transmembrane glycoprotein and member of the G-protein coupled receptor 1 family, preferentially expressed by a subset of memory Th1 (type 1 helper T) cells. Goat anti human CD195 antibody binds to an epitope within the N-terminal (NT) region of CD195. CD195 acts as a high-affinity receptor for several chemotactic chemokines, including MIP-1 alpha (macrophage inflammatory protein 1 alpha), MIP-1 beta, and RANTES (regulated on activation normal T expressed and secreted protein). CD195 is also a major co-receptor for HIV-1 infection, with variations in the CD195 gene, influencing the rate of progression into AIDS (Choe *et al.* 1996). Goat anti human CD195 antibody is suitable for use in immunocytochemistry on human peripheral blood leucocytes.
Storage	Store at -20^{o}C only. 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

Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: https://www.bio-rad-antibodies.com/SDS/AHP1807 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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