

Datasheet: AHP1810

Description:	GOAT ANTI HUMAN CD192 (N-TERMINAL)
Specificity:	CD192 (N-TERMINAL)
Other names:	CCR2
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	▪			1/100
ELISA	▪			1/30000
Immunoprecipitation			▪	
Western Blotting	▪			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 CD192 (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	0.1% Sodium Azide (NaN ₃)
Stabilisers	0.1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Synthetic peptide C-GEEVTTFFDYDYGAPCHKFDVKQ corresponding to amino acids 17-39 within the N-terminal region of human CD192.
External Database	UniProt:

Links

[P41597](#) [Related reagents](#)

Entrez Gene:

[729230](#) CCR2 [Related reagents](#)

Synonyms

CMKBR2

Specificity

Goat anti Human CD192 antibody recognizes an epitope within the N-terminal (NT) region of human CD192, otherwise known as CCR2 (C-C chemokine receptor type 2), a transmembrane glycoprotein and member of the G-protein coupled receptor 1 family, which acts as a receptor for the chemokines MCP-1 (monocyte chemoattractant protein 1), MCP-3 and MCP-4.

Interaction between CD192 and MCP-1 initiates chemotactic responses, through an increase in intracellular calcium levels. CD192 acts as a co-receptor with CD4 for HIV1 infection, and variations in CD192 are associated with relative resistance to HIV1.

ELISA

This product is suitable for use in indirect ELISA applications.

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.

Shelf Life

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10304 available at:
10304: <https://www.bio-rad-antibodies.com/uploads/MSDS/10304.pdf>

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 \(BUF025A\)](#)

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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