

Datasheet: AHP1813

Description:	GOAT ANTI HUMAN CD196
Specificity:	CD196
Other names:	CCR6
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	▪			1/125
ELISA	▪			1/35000
Immunoprecipitation			▪	
Western Blotting	▪			1/250

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

Species Cross Reactivity

Reacts with: Mouse

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 CD196 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 YFVSVNTSYYSVDSEMLLCSLQEVQRQFSR corresponding to amino acids 18-46 of human CD196.
External Database Links	<p>UniProt:</p> <p>P51684 Related reagents</p> <p>O54689 Related reagents</p> <p>Entrez Gene:</p> <p>1235 CCR6 Related reagents</p> <p>12458 Ccr6 Related reagents</p>
Synonyms	CKRL3, Cmkbr6, CMKBR6, GPR29, STRL22
RRID	AB_2275490
Specificity	<p>Goat anti Human CD196 antibody recognizes human CD196, otherwise known as CCR6 (C-C chemokine receptor type 6), a transmembrane glycoprotein and member of the G-protein coupled receptor 1 family, which acts as a specific receptor for the C-C chemokine LARC (Liver and activation-regulated chemokine)/MIP-3alpha, a selective chemoattractant which induces calcium flux in CD196-expressing lymphocytes.</p> <p>CD196 is preferentially expressed by B cells, memory T cells and immature dendritic cells and plays an important role in B lineage maturation and antigen-driven B cell differentiation. CD196 acts as a co-receptor for HIV1 infection, and is selectively expressed by mucosa-associated non-Hodgkin's lymphoma, making the interaction between CD196 and LARC a potential therapeutic target in these malignancies.</p> <p>Goat anti Human CD196 antibody cross-reacts with mouse CD196, where linear epitopes are accessible.</p>
ELISA	This product is suitable for use in indirect ELISA applications.
Histology Positive Control Tissue	Spleen
Storage	<p>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°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10041 available at:
10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.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 \(BUF025A\)](#)

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

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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