

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.
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 YFVSVNTSYYSVDSEMLLCSLQEVQRFSR corresponding to amino acids 18-46

of human CD196.

External Database**Links****UniProt:**

[P51684](#) [Related reagents](#)

[O54689](#) [Related reagents](#)

Entrez Gene:

[1235](#) CCR6 [Related reagents](#)

[12458](#) Ccr6 [Related reagents](#)

Synonyms

CKRL3, Cmkbr6, CMKBR6, GPR29, STRL22

Specificity

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.

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.

Goat anti Human CD196 antibody cross-reacts with mouse CD196, where linear epitopes are accessible.

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 \(BUF025C\)](#)

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