

Datasheet: AHP1812

BATCH NUMBER 160265

Description:	GOAT ANTI HUMAN CCR10
Specificity:	CCR10
Other names:	GPR2
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	▪			1/125
ELISA	▪			1/50,000
Immunoprecipitation			▪	
Western Blotting	▪			1/30,000

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 CCR10 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, 0.1% Bovine Serum Albumin
Approx. Protein	IgG concentration 1.0mg/ml

Concentrations

Immunogen Synthetic peptide VSWGHYSGDEEDAYSAEPLPELC corresponding to amino acids 9-31 of human CCR10.

External Database

Links

UniProt:

[P46092](#) [Related reagents](#)

Entrez Gene:

[2826](#) CCR10 [Related reagents](#)

Synonyms GPR2

RRID AB_2071777

Specificity **Goat anti Human CCR10 antibody** recognizes human CCR10 (C-C chemokine receptor type 10), otherwise known as GPR2, (G-protein coupled receptor 2), a transmembrane glycoprotein and member of the G-protein coupled receptor 1 family, expressed by melanocytes, dermal fibroblasts, and dermal microvascular endothelial cells, which acts as a receptor for the skin-associated chemokine CCL27 (SCYA27/CTACK), and is implicated in T cell-mediated skin inflammation and possibly skin homeostasis.

Flow Cytometry Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul.

ELISA This product is suitable for use in indirect ELISA applications.

Histology Positive Control Tissue Spleen or tonsil

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/AHP1812>
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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