

## Datasheet: AHP1812

|                      |                       |
|----------------------|-----------------------|
| <b>Description:</b>  | GOAT ANTI HUMAN CCR10 |
| <b>Specificity:</b>  | CCR10                 |
| <b>Other names:</b>  | GPR2                  |
| <b>Format:</b>       | Purified              |
| <b>Product Type:</b> | Polyclonal Antibody   |
| <b>Isotype:</b>      | Polyclonal IgG        |
| <b>Quantity:</b>     | 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](http://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.

|                                       |                                                                                                                                                           |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target Species</b>                 | Human                                                                                                                                                     |
| <b>Product Form</b>                   | Purified IgG - liquid                                                                                                                                     |
| <b>Antiserum Preparation</b>          | Antiserum to human CCR10 was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography. |
| <b>Buffer Solution</b>                | Phosphate buffered saline                                                                                                                                 |
| <b>Preservative Stabilisers</b>       | 0.1% Sodium Azide, 0.1% Bovine Serum Albumin                                                                                                              |
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0mg/ml                                                                                                                                |
| <b>Immunogen</b>                      | Synthetic peptide VSWGHHYSGDEEDAYS AEPLPELC corresponding to amino acids 9-31 of human CCR10.                                                             |
| <b>External Database</b>              | <b>UniProt:</b>                                                                                                                                           |

## Links

[P46092](#)

[Related reagents](#)

### Entrez Gene:

[2826](#)

CCR10

[Related reagents](#)

---

#### Synonyms

GPR2

---

#### 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  $1 \times 10^6$  cells in 100ul.

---

#### ELISA

This product is suitable for use in indirect ELISA applications.

---

#### Histology Positive Control Tissue

Spleen or tonsil

---

#### 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 America

Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto:antibody_sales_de@bio-rad.com)

'M288448:160607'

Printed on 01 May 2018