

Datasheet: VPA00044

| | |
|----------------------|------------------------|
| Description: | GOAT ANTI CD195 |
| Specificity: | CD195 |
| Format: | Purified |
| Product Type: | PrecisionAb Polyclonal |
| Isotype: | Polyclonal IgG |
| Quantity: | 100 µl |

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 |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ▪ | | | 1/1000 |

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

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

Preparation

100µl Goat polyclonal antibody purified by affinity chromatography

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
0.5 % Bovine Serum Albumin

Immunogen

Synthetic peptide YQVSSPIYDINYYTSEPCQKINVKQIAA corresponding to amino acids

3-30 within the N-terminal region of human CD195.

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

[P51681](#) [Related reagents](#)

Entrez Gene:

[1234](#) CCR5 [Related reagents](#)

Synonyms

CMKBR5

Specificity

Goat anti Human CD195 antibody recognizes human CD195, also known as C-C chemokine receptor type 5, CCR5 or C-C CKR-5. CD195 is a 353 amino acid ~37 kDa multiple pass transmembrane glycoprotein and member of the G-protein coupled receptor 1 family, preferentially expressed by a subset of memory Th1 (type 1 helper T) cells.

CD195 acts as a high-affinity receptor for several chemotactic chemokines, including MIP-1 alpha (macrophage inflammatory protein 1 alpha), MIP-1 beta, and RANTES (regulated on activation normal T expressed and secreted protein). CD195 is also a major co-receptor for HIV-1 infection, with variations in the CD195 gene, influencing the rate of progression into AIDS ([Choe et al. 1996](#)).

Goat anti Human CD195 antibody detects CD195 as a 37 kDa band, in a number of human cell lysates, by western blotting under reducing conditions. Cross reactivity with rodent cell lines is also observed.

Western Blotting

Goat anti CD195 detects a band of approximately 37 kDa in A549 cell lysates.

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

12 months from date of despatch

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information

Material Safety Datasheet documentation #10041 available at: Antibody (10041): <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

North & South America Tel: +1 800 265 7376
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)

'M377159:210212'

