

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
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 (NaN ₃) 0.5 % Bovine Serum Albumin
Immunogen	Synthetic peptide YQVSSPIYDINYTSEPCQKINVKQIAA 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.
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 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](#)

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