

Datasheet: AHP2451

Description:	RABBIT ANTI CD184 / CXCR4
Specificity:	CD184 / CXCR4
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 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
Immunohistology - Paraffin	■			1/50 - 1/100
Western Blotting	■			1/500 - 1/1000

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, Rat N.B. Antibody reactivity and working conditions may vary between species.

Product Form	Purified IgG - liquid
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Antiserum Preparation Antiserum to CD184/CXCR4 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution	Phosphate buffered saline
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Preservative	0.02% Sodium Azide
Stabilisers	50% Glycerol

Immunogen	Synthetic human CD184/CXCR4 peptide
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External Database Links

UniProt:

[P61073](#) [Related reagents](#)

Entrez Gene:

[7852](#) CXCR4 [Related reagents](#)

Specificity	Rabbit anti CD184/CXCR4 antibody recognizes CD184, also known as C-X-C chemokine
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receptor type 4 (CXCR4), LESTR or SDF-1 receptor.

CD184 is a member of the G-protein coupled receptor 1 family and a receptor for the chemokine SDF-1 (stromal cell-derived factor 1). CD184 also acts as a receptor for extracellular ubiquitin and as a coreceptor for HIV-1. CD184/CXCR4 is involved in multiple processes including chemotaxis, cell proliferation, survival and adhesion.

Western Blotting	Rabbit anti CD184/CXCR4 antibody detects a band of approximately 70 kDa in cell lysates and tissue lysates under reducing conditions
Storage	Store at -20°C 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	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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