

Datasheet: AAM66

BATCH NUMBER 280515

Description:	RABBIT F(ab') ₂ ANTI MOUSE CD194
Specificity:	CD194
Other names:	CCR4
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
Flow Cytometry	▪			1/20
Immunohistology - Frozen	▪			1/300
Immunohistology - Paraffin			▪	
ELISA	▪			1/50000
Immunoprecipitation			▪	
Western Blotting	▪			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	Mouse
Species Cross Reactivity	Does not react with:Human
Product Form	F(ab') ₂ fragment of purified IgG - liquid
Antiserum Preparation	Antiserum to mouse CD194 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative	0.1% Sodium Azide (NaN ₃)

Stabilisers	0.1% Bovine Serum Albumin
Immunogen	Synthetic peptide DTTQDETVYNSYYFYESMP-C corresponding to amino acids 8-26 of mouse CD194.
External Database Links	<p>UniProt: P51680 Related reagents</p> <p>Entrez Gene: 12773 Ccr4 Related reagents</p>
Synonyms	Cmkbr4
RRID	AB_2074510
Specificity	<p>Rabbit anti mouse CD194 antibody recognizes mouse CD194, otherwise known as CCR4, C-C chemokine receptor type 4, C-C CKR-4 or Cmkbr4. CD194 is a 360 amino acid ~42 kDa transmembrane glycoprotein and member of the G-protein coupled receptor 1 family, preferentially expressed by CD4⁺ Th2 (type 2 helper T) cells, which acts as a high affinity receptor for the chemokines MDC (macrophage-derived chemokine), MCP-1, MIP-1, RANTES and TARC.</p> <p>Rabbit anti mouse CD194 polyclonal antibody is reported as suitable for use in immunocytochemistry on human peripheral blood leucocytes or Jurkat cells.</p>
Flow Cytometry	Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
ELISA	This product is suitable for use in indirect ELISA applications.
Storage	<p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10041 available at: https://www.bio-rad-antibodies.com/SDS/AAM66 10041</p>
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](#)

Recommended Useful Reagents

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

North & South Tel: +1 800 265 7376

America 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

'M363722:200529'

Printed on 19 Jan 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)