

## Datasheet: AAM66

**BATCH NUMBER 280515**

<b>Description:</b>	RABBIT F(ab') <sub>2</sub> ANTI MOUSE CD194
<b>Specificity:</b>	CD194
<b>Other names:</b>	CCR4
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Mouse
<b>Species Cross Reactivity</b>	Does not react with:Human
<b>Product Form</b>	F(ab') <sub>2</sub> fragment of purified IgG - liquid
<b>Antiserum Preparation</b>	Antiserum to mouse CD194 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.1% Sodium Azide (NaN <sub>3</sub> )

<b>Stabilisers</b>	0.1% Bovine Serum Albumin
<b>Immunogen</b>	Synthetic peptide DTTQDETVYNSYYFYESMP-C corresponding to amino acids 8-26 of mouse CD194.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P51680</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">12773</a> Ccr4    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	Cmkbr4
<b>RRID</b>	AB_2074510
<b>Specificity</b>	<p><b>Rabbit anti mouse CD194 antibody</b> 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<sup>+</sup> 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>
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul.
<b>ELISA</b>	This product is suitable for use in indirect ELISA applications.
<b>Storage</b>	<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>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10041 available at:  <a href="https://www.bio-rad-antibodies.com/SDS/AAM66">https://www.bio-rad-antibodies.com/SDS/AAM66</a>  10041</p>
<b>Regulatory</b>	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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

'M363722:200529'

Printed on 01 May 2024

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