

## Datasheet: AAM66

<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 Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> ) 0.1% Bovine Serum Albumin
<b>Immunogen</b>	Synthetic peptide DTTQDETVYNSYYFYESMP-C corresponding to amino acids 8-26 of mouse CD194.
<b>External Database</b>	<b>UniProt:</b>

**Links**                      [P51680](#)      [Related reagents](#)

**Entrez Gene:**

[12773](#)    Ccr4    [Related reagents](#)

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**Synonyms**                      Cmkbr4

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**Specificity**                      **Rabbit anti mouse CD194 antibody** recognizes mouse CD194, otherwise known as CCR4, C-C chemokine receptor type 4, C-C CKR-4or 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.

Rabbit anti mouse CD194 polyclonal antibody is reported as suitable for use in immunocytochemistry on human peripheral blood leucocytes or Jurkat cells.

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**Flow Cytometry**                      Use 10ul of the suggested working dilution to label 1x10<sup>6</sup> cells in 100ul.

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**ELISA**                                      This product is suitable for use in indirect ELISA applications.

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**Storage**                                      Store at -20°C only.  
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.

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**Shelf Life**                                      18 months from date of despatch.

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**Health And Safety Information**                      Material Safety Datasheet Documentation #10304 available at:  
<https://www.bio-rad-antibodies.com/uploads/MSDS/10304.pdf>

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**Regulatory**                                      For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (2AB02...)                      [Biotin](#)

Sheep Anti Rabbit IgG (STAR34...)                      [FITC](#)

Sheep Anti Rabbit IgG (STAR35...)                      [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR54...)                      [HRP](#)

### Recommended Useful Reagents

[HISTAR DETECTION SYSTEM \(STAR3000A\)](#)

[HISTAR DETECTION SYSTEM \(STAR3000B\)](#)

[HISTAR DETECTION SYSTEM \(STAR3000C\)](#)

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

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