

Datasheet: AAM62B

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| Description: | RABBIT ANTI MOUSE MCP-2:Biotin |
| Specificity: | MCP-2 |
| Other names: | CCL8 |
| Format: | Biotin |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 50 µg |

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 | | | ▪ | |
| Immunohistology - Frozen | | | ▪ | |
| Immunohistology - Paraffin | | | ▪ | |
| ELISA | ▪ | | | 0.25 - 1.0ug/ml |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | ▪ | | | 0.1 - 0.2ug/ml |

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.

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| Target Species | Mouse |
| Product Form | Purified IgG conjugated to Biotin - lyophilized |
| Reconstitution | Reconstitute with 0.5ml sterile PBS containing 0.1% bovine serum albumin Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended. |
| Antiserum Preparation | Antiserum to mouse MCP-2 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography. |
| Buffer Solution | Phosphate buffered saline |

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|---------------------------------------|---|
| Preservative Stabilisers | None present |
| Carrier Free | Yes |
| Approx. Protein Concentrations | IgG concentration 0.1mg/ml after reconstitution |
| Immunogen | Recombinant mouse MCP-2. |
| External Database Links | <p>UniProt: Q9Z121 Related reagents</p> <p>Entrez Gene: 20307 Ccl8 Related reagents</p> |
| Synonyms | Mcp2, Scya8 |
| RRID | AB_1605266 |
| Specificity | <p>Rabbit anti Mouse MCP-2 antibody recognizes mouse MCP-2 (Monocyte Chemoattractant Protein 2), otherwise known as CCL8, a CC chemokine originally isolated from the human osteosarcoma cell line MG-63, which is expressed at highest levels in peripheral blood cells and the small intestine.</p> <p>MCP-2 acts as a chemoattractant for monocytes, lymphocytes, eosinophils and basophils, and signals through binding to the common MCP receptor, chemokine (C-C motif) receptor 2 (CCR2), and also CCR1 and CCR3. Proteolytic cleavage of MCP-2 into the NH2-terminally truncated form, MCP-2 (6-76), results in the loss of chemotactic activity, forming a functional CC chemokine inhibitor, which may be important during inflammatory responses.</p> |
| Storage | <p>Prior to reconstitution store at -20°C. After reconstitution store at -20°C.</p> <p>This product should be stored undiluted. Storage in frost-free freezers is not recommended. 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 | Material Safety Datasheet documentation #10294 available at: https://www.bio-rad-antibodies.com/SDS/AAM62B 10294 |
| Regulatory | For research purposes only |

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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