

Datasheet: AHP2994

**BATCH NUMBER 145235**

|                      |                        |
|----------------------|------------------------|
| <b>Description:</b>  | GOAT ANTI RABBIT MCP-1 |
| <b>Specificity:</b>  | MCP-1                  |
| <b>Other names:</b>  | CCL2                   |
| <b>Format:</b>       | Purified               |
| <b>Product Type:</b> | Polyclonal Antibody    |
| <b>Isotype:</b>      | Polyclonal IgG         |
| <b>Quantity:</b>     | 0.1 mg                 |

## 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             |     |    | ▪              |                    |
| Immunohistology - Frozen   |     |    | ▪              |                    |
| Immunohistology - Paraffin |     |    | ▪              |                    |
| ELISA                      | ▪   |    |                | 0.5ug/ml - 5ug/ml  |
| Immunoprecipitation        |     |    | ▪              |                    |
| Western Blotting           | ▪   |    |                | 0.1ug/ml - 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.

|                                 |   |
|---------------------------------|---|
| <b>Target Species</b>           | Rabbit  |
| <b>Product Form</b>             | Purified IgG - liquid   |
| <b>Antiserum Preparation</b>    | Antisera to rabbit MCP-1 were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. |
| <b>Buffer Solution</b>          | Phosphate buffered saline   |
| <b>Preservative Stabilisers</b> | 0.09% Sodium Azide (NaN <sub>3</sub> )  |
| <b>Approx. Protein</b>          | IgG concentration 1.0 mg/ml   |

## Concentrations

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**Immunogen** Recombinant rabbit MCP-1

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## External Database Links

### UniProt:

[P28292](#)    [Related reagents](#)

### Entrez Gene:

[100009130](#)    CCL2    [Related reagents](#)

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**Synonyms** SCYA2

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**Specificity** **Goat anti Rabbit MCP-1 antibody** recognizes Rabbit (lapine) monocyte chemotactic protein-1 (MCP-1), also known as C-C motif chemokine 2 (CCL2). Rabbit MCP-1 is a 125 amino acid secreted protein belonging to the intercrine beta (chemokine CC) family.

The chemokine MCP-1 is expressed by a range of cells including monocytes, vascular endothelial cells, smooth muscle cells, glomerular mesangial cells and osteoblasts.

MCP-1 is thought to play an important role in the inflammatory response of blood monocytes and tissue macrophages.

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**ELISA** This product may be used as a capture antibody in a sandwich ELISA together with [AHP2994B](#) as the detection reagent. Recombinant rabbit MCP-1 ([PRABP008](#)) may be used as a standard.

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**Storage** Store at +4°C. DO NOT FREEZE.  
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/AHP2994>  
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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

**North & South America** 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](http://bio-rad-antibodies.com/datasheets)

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