

Datasheet: PMP32

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| Description: | RECOMBINANT MOUSE MIP-1 ALPHA |
| Name: | MIP-1 ALPHA |
| Other names: | CCL3 |
| Format: | Rec. Protein |
| Product Type: | Recombinant Protein |
| Quantity: | 10 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 |
|-------------------|-----|----|----------------|--------------------|
| ELISA | ▪ | | | 0.2 - 0.4ng/well |
| Western Blotting | ▪ | | | 1.5 - 3.0ng/lane |
| Functional Assays | ▪ | | | 10 - 100ng/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 recombinant protein - lyophilized |
| Reconstitution | Reconstitute with 0.1 ml distilled water. 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 0.1% bovine serum albumin is recommended. |
| Preparation | Recombinant protein prepared from <i>E. Coli</i> |
| Preservative Stabilisers | None present |
| Endotoxin Level | <0.1 ng/ug |
| Approx. Protein Concentrations | 0.1 mg/ml after reconstitution |
| External Database Links | UniProt: P10855 Related reagents Entrez Gene: |

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| Synonyms | Mip1a, Scya3 |
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| Product Information | Murine macrophage inflammatory protein-1 alpha (MIP-1 alpha), also known as CCL3, is a member of the chemokine family (C-C) and plays an important role in the inflammatory response of blood monocytes and tissue macrophages. |
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| Protein Molecular Weight | 7.8 kDa (69 amino acid sequence) |
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| Purity | >98% by SDS PAGE and HPLC analysis |
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| Storage | Prior to reconstitution store at +4°C. Following reconstitution store at -20°C only. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use. |
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| Guarantee | 3 months from date of reconstitution |
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| Health And Safety Information | Material Safety Datasheet documentation #10268 available at: 10268: https://www.bio-rad-antibodies.com/uploads/MSDS/10268.pdf |
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|-------------------|----------------------------|
| Regulatory | For research purposes only |
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Related Products

Recommended Useful Reagents

[RABBIT ANTI MOUSE MIP-1 ALPHA \(AAM46\)](#)

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|----------------------------------|---|------------------|---|---------------|---|
| North & South America | Tel: +1 800 265 7376 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 |
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Printed on 16 Mar 2019