

Datasheet: PMP32

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.

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>
Source	E.coli
Preservative Stabilisers	None present
Carrier Free	Yes

Endotoxin Level	< 0.1 ng/ug
Approx. Protein Concentrations	0.1 mg/ml after reconstitution
External Database Links	UniProt: P10855 Related reagents Entrez Gene: 20302 Ccl3 Related reagents
Synonyms	Mip1a, Scya3
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.
Protein Molecular Weight	7.8 kDa (69 amino acid sequence)
Purity	>98% by SDS PAGE and HPLC analysis
Storage	<p>Prior to reconstitution store at +4°C. Following reconstitution store at -20°C only.</p> <p>This product should be stored undiluted.</p> <p>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.</p>
Guarantee	3 months from date of reconstitution
Health And Safety Information	Material Safety Datasheet documentation #10268 available at: https://www.bio-rad-antibodies.com/SDS/PMP3210268
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

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

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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://www.bio-rad-antibodies.com/datasheets)
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