

Datasheet: PMP55

Description:	RECOMBINANT MOUSE MIP-2
Name:	MIP-2
Other names:	CXCL2
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	20 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	▪			1.0 - 10.0ng/ml

Where this protein 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 - lyophilised
Reconstitution	Reconstitute with 0.2ml 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 (BSA) is recommended.
Preparation	Recombinant protein expressed in <i>E. coli</i> .
Buffer Solution	10mM Acetic Acid
Preservative Stabilisers	None present
Endotoxin Level	<0.1 ng/ug
Approx. Protein Concentrations	0.1mg/ml after reconstitution
External Database Links	UniProt: P10889 Related reagents

Entrez Gene:[20310](#) Cxcl2 [Related reagents](#)

Synonyms	Mip2, Mip-2, Scyb2
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Product Information	Mouse macrophage inflammatory protein-2 (MIP-2) is a 7.8kD chemokine, also known as CXCL2. MIP-2 is chemotactic for neutrophils and is expressed by macrophages and epidermal langerhans cells.
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Protein Molecular Weight	7.8kD (73 amino acid residues)
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Purity	>98% by SDS PAGE and HPLC analysis
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ELISA	PMP55 may be used as a standard for ELISA applications with either AAM48 or AAM48B .
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Western Blotting	PMP55 may be used as a positive control for western blotting applications with AAM48 or AAM48B .
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Storage	Prior to reconstitution store at +4°C. Following reconstitution store at -20°C. 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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Shelf Life	3 months from date of reconstitution.
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Health And Safety Information	Material Safety Datasheet Documentation #10527 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10527.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Useful Reagents

[RABBIT ANTI MOUSE MIP-2 \(AAM48\)](#)[RABBIT ANTI MOUSE MIP-2:Biotin \(AAM48B\)](#)

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