

## Datasheet: PMP55

**BATCH NUMBER 166454**

<b>Description:</b>	RECOMBINANT MOUSE MIP-2
<b>Name:</b>	MIP-2
<b>Other names:</b>	CXCL2
<b>Format:</b>	Rec. Protein
<b>Product Type:</b>	Recombinant Protein
<b>Quantity:</b>	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](http://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 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 0.2 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 (BSA) is recommended.

#### Preparation

Recombinant protein expressed in *E. coli*

#### Source

E.coli

#### Buffer Solution

10mM Acetic Acid

#### Preservative Stabilisers

None present

<b>Carrier Free</b>	Yes
<b>Endotoxin Level</b>	< 0.1 ng/ug
<b>Approx. Protein Concentrations</b>	0.1mg/ml after reconstitution
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P10889</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">20310</a> Cxcl2    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	Mip2, Mip-2, Scyb2
<b>Product Information</b>	Mouse macrophage inflammatory protein-2 (MIP-2) is a 7.8 kDa chemokine, also known as CXCL2. MIP-2 is chemotactic for neutrophils and is expressed by macrophages and epidermal langerhans cells.
<b>Protein Molecular Weight</b>	7.8 kDa (73 amino acid residues)
<b>Purity</b>	>98% by SDS PAGE and HPLC analysis
<b>ELISA</b>	PMP55 may be used as a standard for ELISA applications with either <a href="#">AAM48</a> or <a href="#">AAM48B</a> .
<b>Western Blotting</b>	PMP55 may be used as a positive control for western blotting applications with <a href="#">AAM48</a> or <a href="#">AAM48B</a> .
<b>Storage</b>	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein.
<b>Guarantee</b>	Guaranteed for 3 months from the date of reconstitution or until the date of expiry, whichever comes first. Please see label for expiry date.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10527 available at: <a href="https://www.bio-rad-antibodies.com/SDS/PMP5510527">https://www.bio-rad-antibodies.com/SDS/PMP5510527</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Useful Reagents

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

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

**North & South** Tel: +1 800 265 7376

**Worldwide** Tel: +44 (0)1865 852 700

**Europe** Tel: +49 (0) 89 8090 95 21

**America** Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

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

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