

Datasheet: PMP55

BATCH NUMBER 166766

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 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

Carrier Free	Yes
Endotoxin Level	< 0.1 ng/ug
Approx. Protein Concentrations	0.1mg/ml after reconstitution
External Database Links	<p>UniProt: P10889 Related reagents</p> <p>Entrez Gene: 20310 Cxcl2 Related reagents</p>
Synonyms	Mip2, Mip-2, Scyb2
Product Information	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.
Protein Molecular Weight	7.8 kDa (73 amino acid residues)
Purity	>98% by SDS PAGE and HPLC analysis
ELISA	PMP55 may be used as a standard for ELISA applications with either AAM48 or AAM48B .
Western Blotting	PMP55 may be used as a positive control for western blotting applications with AAM48 or AAM48B .
Storage	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.
Guarantee	Guaranteed for 3 months from the date of reconstitution or until the date of expiry, whichever comes first. Please see label for expiry date.
Health And Safety Information	Material Safety Datasheet documentation #10527 available at: https://www.bio-rad-antibodies.com/SDS/PMP5510527
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

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

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

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

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