



# ANOGEN - A Division of YES Biotech Laboratories Ltd.

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## Mouse Anti-Human MIP-1 $\alpha$ Monoclonal Antibody Datasheet

<b>Product Name:</b> mAb anti-human MIP-1 $\alpha$	<b>Clone No.:</b> 116
<b>Catalogue No.:</b> MO-C40051A	<b>Quantity:</b> 0.5 mg/vial
<b>Description:</b> Mouse monoclonal antibody to human macrophage inflammatory protein-1 $\alpha$ (MIP-1 $\alpha$ )	<b>Reconstitution:</b> Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.
<b>Purification:</b> Protein G affinity purified	<b>Storage:</b> Store at -20°C
<b>Product Type:</b> Primary antibody	<b>Research Area:</b> Cytokine, inflammation.
<b>Target Protein:</b> Human MIP-1 $\alpha$	<b>Background:</b> Macrophage inflammatory protein 1 $\alpha$ (MIP-1 $\alpha$ ), also known as CCR3, belongs to the MIP-1 CC chemokine family. The cytokine is mainly produced by macrophages after stimulation by bacterial endotoxins. In acute inflammatory stage, MIP-1 $\alpha$ plays an important role in the recruitment and activation of granulocytes. MIP-1 $\alpha$ also stimulates the production of pro-inflammatory cytokines, including IL-1, IL-6 and TNF- $\alpha$ . In normal status, MIP-1 $\alpha$ plays a role in promoting homoeostasis.
<b>Immunogen:</b> Purified recombinant human MIP-1 $\alpha$	<b>Applications:</b> ELISA
<b>Fusion Myeloma:</b> Sp2/0-Ag14	<b>References:</b> If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
<b>Specificity:</b> Reactive with recombinant human MIP-1 $\alpha$	
<b>Species Reactivity:</b> Human, others not tested	
<b>Cross-Reactivity:</b> Does not show any cross reaction with other human cytokines or growth factors tested such as M-CSF, GM-CSF, IL-7, IL-8, IL-16, IL-1 $\beta$ , bFGF, TGF- $\beta$ , EGF, TNF- $\alpha$ and EPO.	
<b>Host / Isotype:</b> Mouse, IgG2a Kappa	
<b>Formulation:</b> Lyophilized from a solution in 0.01M PBS, pH 7.2	

This product is for LABORATORY RESEARCH USE and further manufacture ONLY, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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