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Mouse Anti-Human MIP-1α Monoclonal Antibody Datasheet

Product Name: mAb anti-human MIP-1α | **Clone No.: 199**

Catalogue No.: MO-C40051G | **Quantity: 0.5 mg/vial**

Description:	Mouse monoclonal antibody to human macrophage inflammatory protein-1α (MIP-1α)
Purification:	Protein G affinity purified
Product Type:	Primary antibody
Target Protein:	Human MIP-1α
Immunogen:	Purified recombinant human MIP-1α
Fusion Myeloma:	Sp2/0-Ag14
Specificity:	Reactive with recombinant human MIP-1α
Species Reactivity:	Human, others not tested
Cross-Reactivity:	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-1β, bFGF, TGF-β, EGF, TNF-α and EPO.
Host / Isotype:	Mouse, IgG2a Kappa
Formulation:	Lyophilized from a solution in 0.01M PBS, pH 7.2
Reconstitution:	Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.
Storage:	Store at -20°C
Research Area:	Cytokine, inflammation
Background:	Macrophage inflammatory protein 1α (MIP-1α), 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-1α plays an important role in the recruitment and activation of granulocytes. MIP-1α also stimulates the production of pro-inflammatory cytokines, including IL-1, IL-6 and TNF-α. In normal status, MIP-1α plays a role in promoting homoeostasis.
Applications:	**ELISA**
References:	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.

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