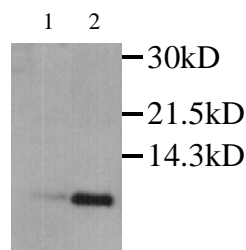


Rabbit Anti-rat MIP-1 alpha Polyclonal Antibody

Catalog No.	CPM400	Quantity:	500 µg
Description:	MIP-1 alpha (macrophage inflammatory protein-1 alpha) is a 69-amino acid CC chemokine with a molecular weight of 7.9 kDa. MIP-1 alpha induces migration of monocytes/macrophages, B lymphocytes, activated CD8 ⁺ T-cells, natural killer (NK) cells and eosinophils. MIP-1 alpha also stimulates basophils to release histamine, induces ICAM-1 expression, mast cell degranulation, and production of TNF alpha, IL-1 and IL-6. In addition to its proinflammatory activities, MIP-1 alpha inhibits the proliferation of hematopoietic stem cells <i>in vitro</i> and <i>in vivo</i> .		
Specificity:	Rat MIP-1 alpha		
Host:	Rabbit		
Immunogen:	Amino acids 1-69 of mature rat MIP-1 alpha		
Isotype:	IgG		
Formulation:	Lyophilized with 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Protein A purified		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute to 1 mg/ml by adding 500 µl H ₂ O.		
Cross-Reactivity:	Reacts with both mouse and rat MIP-1 alpha. Cross-Reactivity to MIP-1α of other species has not been determined.		
Storage & Stability:	4°C for short term storage or -20°C in small aliquots for long term storage. Avoid repeated freeze-thaw cycles.		
Applications:	Western blot: 1:2,000 Immunoprecipitation: 1:500. The optimal concentration should be determined by the user for each specific application.		



Rat MIP-1α detected by Western blot in RAW264.7 cells treated with LPS (15 h).
1, lysate; 2, supernatant

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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