

Ccl3

Rabbit Anti-Rat Macrophage Inflammatory Protein 1 α pAb

Catalog No.	CPM400	Quantity:	500 μ g
Alternate Names:	MIP-1 alpha, C-C motif chemokine 3, CCL3, Scya3, Small inducible cytokine A3		
Description:	The rabbit polyclonal antibody recognizes rat Macrophage Inflammatory Protein 1 alpha (MIP-1 alpha), 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. MIP-1 alpha inhibits the proliferation of hematopoietic stem cells <i>in vitro</i> and <i>in vivo</i> .		
Gene ID:	25542		
UniProt ID:	P50229		
Specificity:	Rat MIP-1 alpha		
Host:	Rabbit		
Immunogen:	Recombinant Rat MIP-1 alpha, using <i>E. coli</i> -expressed amino acid 1-69 of mature rat MIP-1 α .		
Isotype:	IgG		
Formulation:	Lyophilized from PBS, 0.05% azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Protein A affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute to 1 mg/mL by adding 500 μ L H ₂ O.		
Cross-Reactivity:	Reacts with both mouse and rat MIP-1 alpha. Cross-reactivity to MIP-1 alpha of other species has not been determined.		
Application Notes:	Western blot: starting dilution 1:2,000 Immunohistochemistry: starting dilution 1:300 Neutralization The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8°C for short term or in working aliquots at -20°C to -80°C for long term storage. Avoid repeated freeze-thaw cycles.		

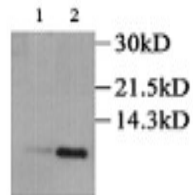


Statement:

PPE is recommended when working with products containing sodium azide.

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

1, lysate; 2, supernatant



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