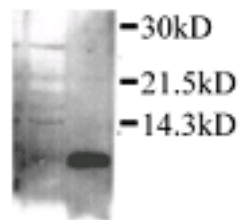


## Ccl4

### Rabbit Anti-Rat MIP-1 beta / CCL4 pAb

<b>Catalog No.</b>	CPM401	<b>Quantity:</b>	0.5 mg
<b>Alternate Names:</b>	C-C motif chemokine 4, Macrophage inflammatory protein 1-beta, MIP-1-beta, Small-inducible cytokine A4		
<b>Description:</b>	Neutralizing antibody to Rat MIP-1 beta(macrophage inflammatory protein-1 beta), a 69-amino acid CC chemokine produced by CD8+ T cells, with a molecular weight of 7.8 kDa. MIP-1 $\beta$ induces migration of monocytes /macrophages, and activates CD4+ cells but not NK cells and eosinophils.		
<b>UniProt ID:</b>	P50230		
<b>Specificity:</b>	Reacts with both mouse and rat native MIP-1 beta		
<b>Host:</b>	Rabbit		
<b>Isotype:</b>	IgG		
<b>Immunogen:</b>	<i>E. coli</i> -expressed amino acids 1-69 of mature rat MIP-1 beta		
<b>Cross Reactivity:</b>	Cross reactivity to other species has not been determined.		
<b>Formulation:</b>	Lyophilized PBS containing 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Protein A affinity chromatography		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute to 1 mg/ml by adding 500 $\mu$ l sterile water.		
<b>Application Notes:</b>	<b>Neutralizing</b> <b>Western blot:</b> suggested dilution 1:2,000 The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for short term or in working aliquots at -20°C to -80°C for up to 1 year. <b>Avoid repeated freeze and thaw cycles.</b>		

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



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



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