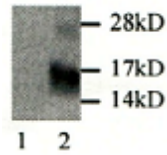


Rabbit Anti-Rat MCP1 (aa 1-73) pAb

Catalog No.	CPM001	Quantity:	500 µg
Alternate Names:	Monocyte Chemoattractant Protein 1, MCP-1, CCL2, JE, GDCF, LDCF, MCAF, SCYA2		
Description:	Rabbit anti-rat MCP1 (aa 1-73) neutralizing polyclonal antibody. Rat MCP1 is a 148-amino acid CC chemokine with a NH ₂ -terminal sequence of 29 residues as a signal sequence. It was originally cloned from Con A-stimulated rat spleen cDNA library. This rat MCP1 is 49-amino acids longer than human MCP1 at 3'-end. This 3'-end is a serine and threonine rich zone, which is probably responsible for the extensive O-glycosylation and which explains the higher molecular weight (25 kDa). <i>In vitro</i> , MCP1 is chemotactic for monocytes as well as lymphocytes and basophils, but not for neutrophils. MCP1 is produced by a wide range of cell types as a reaction to diverse inflammatory stimuli.		
Specificity:	Rat MCP1 (aa 1-73)		
Host:	Rabbit		
Immunogen:	Recombinant rat MCP1		
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. Add 500 µl sterile distilled water to the vial to fully solubilize the antibody to a concentration of 1.0 mg/ml.		
Cross-Reactivity:	Cross reacts with mouse JE		
Applications:	Western Blot Immunohistochemistry Neutralization		
Application Notes:	For Western Blot use a working dilution of 1:2,000. For Immunohistochemistry use a working dilution of 1:200. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-4°C or in working aliquots at -20°C for long term storage. Avoid repeated freeze-thaw cycles.		

Western Blot detection of rat MCP-1 in control (1) and transfected cells (2)



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