CCL2
Rabbit Anti-Rat Monocyte Chemoattractant Protein 1 (aa 1-73) Neutralizing pAb

Catalog No.	CPM001	**Quantity:**	0.5 mg

Alternate Names: MCP-1, Scya2, Sigje

Description: 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). *In vitro*, 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.

This antibody reacts with MCP-1 (aa 1-73). Rat MCP-1 (aa 1-73) is a 148-amino acid CC chemokine with a N-terminal sequence of 29 residues as a signal sequence. This Rat MCP-1/JE is 49-amino acid longer than Human MCP-1at 3'-end.

Specificity: Rat MCP-1 (aa 1-73)

Host: Rabbit

Immunogen: Recombinant N-terminal of Rat MCP-1 (aa 1-73)

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 sterile water.

Cross-Reactivity: Reacts with both Mouse JE and Rat MCP-1. Cross reactivity to additional species has not been determined.

Applications: WB, IHC, Neutralization

WB: working dilution of 1:2000.
The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Store at 2-4°C for short term. For longer, store in working aliquot at -20°C. **Avoid repeated freeze-thaw cycles**.

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