

Mouse Anti-Mouse Monocyte Chemotactic Protein 1 (MCP1) Monoclonal Antibody

Cat. No.: VD2N260

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic mouse monoclonal antibody is specific for mouse monocyte chemotactic protein 1. It is affinity purified by protein A and protein G. It can be applied to WB, IHC, ICC and IP assays of mouse monocyte chemotactic protein 1.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Monoclonal
Classification	Primary Antibody
Clone	A22N31
Host	Mouse
Target Species	Mouse
Species Reactivity	Mouse
Specificity	Mouse Monocyte Chemotactic Protein 1
Isotype	IgG2
Immunogen	Recombinant protein of mouse monocyte chemotactic protein 1
Purification	Purified by Protein A and Protein G
Concentration	1 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, with 50% Glycerol
Physical State	Liquid

Target Information

Mouse MCP1, also known as CCL2, is a small cytokine belonging to the CC chemokine family. It is produced by monocytes, macrophages, and endothelial cells in response to inflammatory stimuli. MCP1 plays a critical role in immune responses by recruiting mo

nocytes, memory T cells, and dendritic cells to sites of inflammation. It binds to the chemokine receptor CCR2, promoting cell migration and activation. MCP1 is involved in various inflammatory diseases, including atherosclerosis and arthritis, and has been implicated in cancer progression by facilitating tumor-associated macrophage infiltration.

Target	Mouse Monocyte Chemotactic Protein 1
Target Synonym	CCL2; GDCF2; HC11; HSMCR30; MCAF; MCP1; SCYA2; SMC-CF; Chemokine C-C-Motif Ligand 2; Monocyte Chemotactic and Activating Factor; Monocyte Secretory Protein JE
Gene ID	20296
UniProt ID	P10148

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 2 years). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.