

Mouse Anti-Rat Macrophage Inflammatory Protein 1 Alpha (MIP1a) Monoclonal Antibody

Cat. No.: VD2N194

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

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

Specifications

Application	WB; IHC; ICC; IP
Clonality	Monoclonal
Classification	Primary Antibody
Clone	A19N6
Host	Mouse
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Macrophage Inflammatory Protein 1 Alpha
Isotype	IgG1
Immunogen	Recombinant protein of rat macrophage inflammatory protein 1 alpha
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

Rat MIP1a, also known as CCL3, is a chemokine produced by macrophages and other immune cells in response to inflammatory stimuli. It plays a key role in immune responses by recruiting lymphocytes, monocytes, and basophils to sites of inflammation. MIP1

a binds to chemokine receptors CCR1, CCR4, and CCR5, promoting cell migration and activation. It is involved in various inflammatory processes and has been implicated in the pathogenesis of several autoimmune and inflammatory diseases.

Target	Rat Macrophage Inflammatory Protein 1 Alpha
Target Synonym	CCL3; MIP1-A; SCYA3; Chemokine C-C-Motif Ligand 3; Small Inducible Cytokine A 3; Homologous To Mouse Mip-1a; Tonsillar Lymphocyte LD78 Alpha Protein
Gene ID	25542
UniProt ID	P50229

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.