

Mouse Anti-Rat Midkine (MK) Monoclonal Antibody

Cat. No.: VD2N286

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

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

Specifications

Application	WB; IHC; ICC; IP
Clonality	Monoclonal
Classification	Primary Antibody
Clone	A25N15
Host	Mouse
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Midkine
Isotype	IgG
Immunogen	Recombinant protein of rat midkine
Purification	Purified by Protein A and Protein G
Concentration	1 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline, pH 7.4, with 50% Glycerol
Physical State	Liquid

Target Information

Rat Midkine is a heparin-binding growth factor involved in various biological processes, including cell proliferation, differentiation, and survival. It plays a crucial role in tissue repair and regeneration by promoting cell migration and angiogenesis. Midkine is also im

plicated in immune responses and inflammation, influencing the behavior of immune cells. Its expression is regulated in response to injury and stress, highlighting its importance in maintaining tissue homeostasis. As a multifunctional factor, Midkine is an important target for studying tissue development, repair mechanisms, and potential therapeutic applications in regenerative medicine.

Target	Rat Midkine
Target Synonym	MDK; ARAP; NRG2; Neurite Growth-Promoting Factor 2; Amphiregulin-associated protein; Midgestation and kidney protein; Neurite outgrowth-promoting factor 2
Gene ID	64625
UniProt ID	Q09290

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.