

Mouse Anti-Porcine Myoglobin (MYO) Monoclonal Antibody

Cat. No.: VD2N230

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

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

Specifications

Application	WB; IHC; ICC; IP
Clonality	Monoclonal
Classification	Primary Antibody
Clone	A22N1
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Porcine Myoglobin
Isotype	IgG1
Immunogen	Recombinant protein of porcine myoglobin
Purification	Purified by Protein A and Protein G
Concentration	0.67 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

Porcine myoglobin is a heme-containing protein found in muscle tissues, responsible for oxygen storage and transport within cells. It facilitates the diffusion of oxygen from the bloodstream to the mitochondria, supporting muscle metabolism and endurance. Myog

lobin is particularly abundant in tissues with high metabolic demands, such as cardiac and skeletal muscles. Its ability to bind and release oxygen efficiently makes it essential for maintaining muscle function during periods of increased activity or stress.

Target	Porcine Myoglobin
Target Synonym	PVALB; MB
Gene ID	397467
UniProt ID	P02189

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.