

Mouse Anti-Bovine Metalloproteinase Inhibitor 2 (TIMP2) Monoclonal Antibody

Cat. No.: VD11N923

Product Type: Animal-targeted Antibodies

Size: 1 mL

Product Overview

BioVenic mouse monoclonal antibody is specific for bovine metalloproteinase inhibitor 2. It is affinity purified by protein A. It can be applied to WB, IHC and IF/ICC assays of bovine metalloproteinase inhibitor 2.

Specifications

Application	WB; IHC; IF/ICC
Clonality	Monoclonal
Classification	Primary Antibody
Clone	J20N11
Host	Mouse
Target Species	Bovine
Species Reactivity	Bovine
Specificity	Bovine Metalloproteinase Inhibitor 2
Isotype	IgG
Immunogen	Recombinant protein of metalloproteinase inhibitor 2
Purification	Protein A Purified
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, 50% Glycerol
Physical State	Liquid

Target Information

Bovine metalloproteinase inhibitor 2 (TIMP-2) is a key regulator of matrix metalloproteinase (MMP) activity, playing a crucial role in maintaining tissue integrity and modulating extracellular matrix (ECM) remodeling in cattle. TIMP-2 specifically inhibits MMP-2, a gelatinase involved in ECM degradation, and is essential for controlling tissue repair and remodeling processes. In bovine placentati

on, TIMP-2 is expressed in trophoblast giant cells and is involved in the timely release of fetal membranes postpartum, which is critical for preventing placental retention.

Target	Bovine Metalloproteinase Inhibitor 2
Target Synonym	TIMP2; Tissue inhibitor of metalloproteinases 2
Gene ID	282093
UniProt ID	P16368

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). 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.