

Mouse Anti-Sheep SMAD7 Monoclonal Antibody

Cat. No.: VD12N336

Product Type: Animal-targeted Antibodies

Size: 100 µL

Product Overview

BioVenic mouse monoclonal antibody is specific for sheep mothers against decapentaplegic homolog 7. It is purified by affinity chromatography. It can be applied to WB assay of sheep mothers against decapentaplegic homolog 7.

Specifications

Application	WB
Clonality	Monoclonal
Classification	Primary Antibody
Clone	M4N57
Host	Mouse
Target Species	Sheep
Species Reactivity	Sheep
Specificity	Sheep Mothers Against Decapentaplegic Homolog 7
Isotype	IgG
Immunogen	Synthesized peptide of mothers against decapentaplegic homolog 7
Purification	Purified by Affinity Chromatography
Concentration	1 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline with 50% Glycerol
Physical State	Liquid

Target Information

Sheep SMAD7 is a member of the SMAD family, acting as an inhibitory SMAD that antagonizes TGF-β signaling. It is induced by TGF-β family members and functions through negative feedback by interfering with receptor interactions and marking receptors for d

egradation. SMAD7 plays a crucial role in regulating cell proliferation, apoptosis, and matrix formation. It is widely expressed in various tissues and is involved in ovarian function and folliculogenesis.

Target	Sheep Mothers Against Decapentaplegic Homolog 7
Target Synonym	SMAD7
Gene ID	101111414
UniProt ID	Q8WNY5

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.