

Mouse Anti-Goat SMAD7 Monoclonal Antibody

Cat. No.: VD12N337

Product Type: Animal-targeted Antibodies

Size: 100 µL

Product Overview

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

Specifications

Application	WB
Clonality	Monoclonal
Classification	Primary Antibody
Clone	M4N58
Host	Mouse
Target Species	Goat
Species Reactivity	Goat
Specificity	Goat 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

Goat SMAD7 is an inhibitory member of the SMAD family, which plays a crucial role in regulating TGF-β signaling pathways. It acts as an antagonist to TGF-β type 1 receptor superfamily members, inhibiting TGF-β and activin signaling by associating with their rec

ceptors and preventing SMAD2 access. SMAD7 also functions as an adapter to recruit SMURF2 to the TGF- β receptor complex, promoting receptor dephosphorylation.

Target	Goat Mothers Against Decapentaplegic Homolog 7
Target Synonym	SMAD7
Gene ID	102190008
UniProt ID	A0A452F9N5

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.