

Mouse Anti-Porcine Proteasome 26S Subunit Non-ATPase Regulatory Subunit 13 (PSMD13) Monoclonal Antibody

Cat. No.: VD10N148

Product Type: Animal-targeted Antibodies

Size: 100ug

Product Overview

BioVenic mouse monoclonal antibody is specific for proteasome 26S subunit non-atpase regulatory subunit 13. It is affinity purified by protein G. It can be applied to WB, IF, IHC and Indirect ELISA assays of proteasome 26S subunit non-atpase regulatory subunit 13.

Specifications

Application	WB; IF; IHC; Indirect ELISA
Clonality	Monoclonal
Classification	Primary Antibody
Clone	O12N49
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Proteasome 26S Subunit Non-ATPase Regulatory Subunit 13
Isotype	IgG1
Immunogen	Recombinant protein of proteasome 26S subunit non-atpase regulatory subunit 13
Purification	Protein G Purified
Concentration	1 mg/ml
Conjugation	Unconjugated
Buffer	Phosphate Buffered Saline
Physical State	Liquid

Target Information

Porcine proteasome 26S subunit non-ATPase regulatory subunit 13 (PSMD13) is a component of the 26S proteasome, a critical cellular complex responsible for the ATP-dependent degradation of ubiquitinated proteins. This complex is essential for maintaining pr

protein homeostasis by removing misfolded, damaged, or obsolete proteins, thereby impacting cell cycle progression, apoptosis, and DNA damage repair. PSMD13, as a non-ATPase subunit, forms part of the 19S regulatory particle that recognizes and binds to ubiquitylated substrates, facilitating their unfolding and translocation into the 20S core particle for degradation. The dysfunction of the proteasome, including PSMD13, can lead to the accumulation of toxic protein species and is implicated in various diseases, including cancer.

Target	Proteasome 26S Subunit Non-ATPase Regulatory Subunit 13
Target Synonym	HSPC027
Gene ID	100517815
UniProt ID	A0A8D1P7T1

Shipping and Storage

This product is shipped with ice gel packs. Store at -80°C on receipt.

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.