

Mouse Anti-Porcine PIK3R1 Monoclonal Antibody

Cat. No.: VD12N358

Product Type: Animal-targeted Antibodies

Size: 100 µL

Product Overview

BioVenic mouse monoclonal antibody is specific for porcine phosphatidylinositol 3-kinase regulatory subunit alpha/gamma. It is purified by affinity chromatography. It can be applied to WB assay of porcine phosphatidylinositol 3-kinase regulatory subunit alpha/gamma.

Specifications

Application	WB
Clonality	Monoclonal
Classification	Primary Antibody
Clone	M4N79
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Porcine Phosphatidylinositol 3-Kinase Regulatory Subunit Alpha/Gamma
Isotype	IgG
Immunogen	Synthesized peptide of phosphatidylinositol 3-kinase regulatory subunit alpha/gamma
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 and 0.5% BSA
Physical State	Liquid

Target Information

Porcine PIK3R1 (Phosphoinositide-3-Kinase Regulatory Subunit 1, also known as p85 α) is a key regulatory subunit of the PI3K complex, involved in intracellular signaling pathways that regulate cell growth, survival, and metabolism. It binds to activated receptor tyrosine kinases and acts as an adapter, mediating the association of the p110 catalytic subunit with the plasma membrane. PIK3R1 is essential for insulin-stimulated glucose uptake and glycogen synthesis in insulin-sensitive tissues. Mutations in this gene are associated with insulin resistance and various diseases, including cancer.

Target	Porcine Phosphatidylinositol 3-Kinase Regulatory Subunit Alpha/Gamma
Target Synonym	PIK3R1
Gene ID	100623707
UniProt ID	F1SKR9

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.