

Mouse Anti-Porcine Retinoblastoma Binding Protein 9 (RBBP9) Monoclonal Antibody

Cat. No.: VD10N141

Product Type: Animal-targeted Antibodies

Size: 100ug

Product Overview

BioVenic mouse monoclonal antibody is specific for retinoblastoma binding protein 9. It is affinity purified by protein A. It can be applied to Indirect ELISA, IHC and WB assays of retinoblastoma binding protein 9.

Specifications

Application	Indirect ELISA; IHC; WB
Clonality	Monoclonal
Classification	Primary Antibody
Clone	O12N42
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Retinoblastoma Binding Protein 9
Isotype	IgG2
Immunogen	Recombinant protein of retinoblastoma binding protein 9
Purification	Protein A Purified
Concentration	1mg/mL
Conjugation	Unconjugated
Buffer	Phosphate Buffered Saline
Physical State	Liquid

Target Information

Porcine retinoblastoma binding protein 9 (RBBP9) is a serine hydrolase that interacts with the retinoblastoma susceptibility protein (Rb). It is implicated in the development of pancreatic neoplasia and affects cell cycle control. RBBP9 is involved in the TGF- β signaling pathway, and its serine hydrolase activity is required for the development of pancreatic carcinomas. This activity inhibits TGF- β antiproliferative signaling through the suppression of Smad2/3 phosphorylation. Structurally, RBBP9 belongs to the α/β hydrolase

superfamily of enzymes and has a crystal structure that confirms this fold, with a six-stranded parallel β -sheet flanked by α helices. It contains a Ser75-His165-Asp138 catalytic triad, which is situated in a prominent pocket on the surface of the protein. The side chains of the LxCxE sequence motif, important for interaction with Rb, are mostly buried in the structure.

Target	Retinoblastoma Binding Protein 9
Target Synonym	RBBP 10
Gene ID	100738866
UniProt ID	A0A8D0WQA2

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.