

Mouse Anti-Porcine Cytokeratin 5 Monoclonal Antibody

Cat. No.: VD8N232

Product Type: Animal-targeted Antibodies

Size: 50uL; 100uL; 150uL

Product Overview

BioVenic mouse monoclonal antibody is specific for cytokeratin 5. It is affinity purified by protein G. It can be applied to WB, IHC, IF/ICC, IF-P and ELISA assays of cytokeratin 5.

Specifications

Application	WB; IHC; IF/ICC; IF-P; ELISA
Clonality	Monoclonal
Classification	Primary Antibody
Clone	G5N45
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Cytokeratin 5
Isotype	IgG1
Immunogen	Recombinant protein of cytokeratin 5
Purification	Protein G Purified
Concentration	1000 µg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline with 50% Glycerol, pH 7.3
Physical State	Liquid

Target Information

Porcine cytokeratin 5 (pKRT5) is a type II intermediate filament protein that is essential for the structural integrity of epithelial cells in pigs. It is typically found in simple epithelia, such as the epidermis of the skin and the lining of the gastrointestinal tract, where it f

forms a supportive network in conjunction with type I keratins. pKRT5 plays a critical role in maintaining the mechanical stability of epithelial tissues and is involved in cell adhesion, proliferation, and differentiation. It is particularly important during the process of wound healing and tissue regeneration, providing resilience and support to the epithelial layers.

Target	Cytokeratin 5
Target Synonym	CK 5
UniProt ID	F1SGG6

Shipping and Storage

This product is shipped with ice gel packs. Store at -20°C (up to 12 months) on receipt.

Reference

Hashmi, Atif Ali, *et al.* "Cytokeratin 5/6 expression in bladder cancer: association with clinicopathologic parameters and prognosis." *BMC research notes* 11 (2018): 1-5.

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.