

Mouse Anti-Porcine Cytokeratin 14 Monoclonal Antibody

Cat. No.: VD11N178

Product Type: Animal-targeted Antibodies

Size: 40 µg

Product Overview

BioVenic mouse monoclonal antibody is specific for porcine cytokeratin 14. It can be applied to WB, ICC/IF, IHC and FACS assays of porcine cytokeratin 14.

Specifications

Application	WB; ICC/IF; IHC; FACS
Clonality	Monoclonal
Classification	Primary Antibody
Clone	S15N18
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Porcine Cytokeratin 14
Isotype	IgG3
Immunogen	Recombinant protein of cytokeratin 14
Concentration	1 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.09% Sodium Azide
Buffer	Phosphate Buffered Saline
Physical State	Liquid

Target Information

Porcine cytokeratin 14 is a type I intermediate filament protein that is crucial for the structural integrity of epithelial cells in pigs. It is often found in combination with keratin 5 and is characteristic of stratified epithelial cells. Cytokeratin 14 plays a significant role in the identification of squamous cell carcinomas and serves as a prognostic marker in certain types of carcinomas. This protein is essential for maintaining the resilience and mechanical properties of keratin intermediate filaments within cells.

Target	Porcine Cytokeratin 14
Target Synonym	Keratin, type I cytoskeletal 14; KRT14; Keratin-14
Gene ID	100737113
UniProt ID	A0A287BN15

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.