

Mouse Anti-Porcine Somatotropin/Growth Hormone (GH1) Monoclonal Antibody

Cat. No.: VD11N344

Product Type: Animal-targeted Antibodies

Size: 1 mL

Product Overview

BioVenic mouse monoclonal antibody is specific for porcine somatotropin/growth hormone. It is affinity purified by protein A. It can be applied to WB, IHC and IF/ICC assays of porcine somatotropin/growth hormone.

Specifications

Application	WB; IHC; IF/ICC
Clonality	Monoclonal
Classification	Primary Antibody
Clone	D23N16
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Porcine Somatotropin/Growth Hormone
Immunogen	Recombinant protein of somatotropin/growth hormone
Purification	Protein A Purified
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, 50% Glycerol
Physical State	Liquid

Target Information

Porcine somatotropin, also known as growth hormone (GH), is a vital regulator in pigs that significantly impacts postnatal growth, metabolism, and muscle development. It is synthesized and secreted by the anterior pituitary gland and plays a key role in enhancing the utilization of nutrients by muscle cells, while also coordinating physiological processes in adipose tissue to support lean growth. This hormone is approved for use in many countries to improve daily weight gain and promote lean growth in pigs.

Target	Porcine Somatotropin/Growth Hormone
Target Synonym	GH1
Gene ID	396884
UniProt ID	P01248

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.