

Mouse Anti-Porcine Lysine-Specific Demethylase 1A (LSD1) Monoclonal Antibody

Cat. No.: VD8N100

Product Type: Animal-targeted Antibodies

Size: 50uL; 100uL

Product Overview

BioVenic mouse monoclonal antibody is specific for porcine lysine-specific demethylase 1A. It can be applied to WB, IHC, IF and ICC assays of porcine lysine-specific demethylase 1A.

Specifications

Application	WB; IHC; IF; ICC
Clonality	Monoclonal
Classification	Primary Antibody
Clone	G3N64
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Porcine Lysine-Specific Demethylase 1A
Isotype	IgG
Immunogen	Purified recombinant porcine lysine-specific demethylase 1A (N-terminus) protein fragments
Concentration	1 mg/mL
Conjugation	Unconjugated
Physical State	Liquid

Target Information

LSD1, or lysine-specific demethylase 1A, is an enzyme with a unique function in the regulation of gene expression through its demethylase activity. It is primarily known for its ability to remove methyl groups from mono- and dimethylated lysine 4 on histone H3 (H3K4me1/2), a modification associated with active gene transcription. LSD1's action counterbalances the methylation marks added by histone methyltransferases, thus playing a critical role in the dynamic regulation of chromatin structure. Its demethylase activity i

s not limited to histones; LSD1 can also demethylate non-histone proteins, including the tumor suppressor p53, further emphasizing its broad impact on cellular processes.

Target	Porcine Lysine-Specific Demethylase 1A
Target Synonym	KDM1A; AOF2
Gene ID	100127157
UniProt ID	F1STX7

Shipping and Storage

This product is shipped with ice gel packs. Store at -20°C (up to 12 months) on receipt. Avoid repeated freezing and thawing as this may denature the antibody.

Reference

Magliulo, Daniela, *et al.* "Lysine-specific demethylase 1A as a promising target in acute myeloid leukemia." *Frontiers in Oncology* 8 (2018): 255.

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.