

Mouse Anti-Canine Forkhead Box A1 (FOXA1) Monoclonal Antibody

Cat. No.: VD11N176

Product Type: Animal-targeted Antibodies

Size: 100 µL

Product Overview

BioVenic mouse monoclonal antibody is specific for canine forkhead box A1. It can be applied to WB and ICC/IF assays of canine forkhead box A1.

Specifications

Application	WB; ICC/IF
Clonality	Monoclonal
Classification	Primary Antibody
Clone	S15N16
Host	Mouse
Target Species	Canine
Species Reactivity	Canine
Specificity	Canine Forkhead Box A1
Isotype	IgG2
Immunogen	Recombinant protein of forkhead box A1
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline, 1% BSA, 50% Glycerol
Physical State	Liquid

Target Information

Canine forkhead box A1 (FOXA1) is a transcription factor that plays a pivotal role in development and cancer progression. FOXA1 is required for the normal development of mammary glands and prostate, and it is crucial for estrogen receptor (ER) and androgen receptor (AR)-regulated transcription in hormone receptor-positive breast and prostate cancers. FOXA1 binding to nucleosomes induces an open chromatin configuration, enabling the recruitment of other transcriptional regulators, and is often referred to as a 'pioneer' factor.

neering' factor. Understanding FOXA1's function in development provides insight into its role in cancer, making it a significant target for therapeutic interventions in canine health, particularly in managing hormone-related cancers.

Target	Canine Forkhead Box A1
Target Synonym	FOXA1
Gene ID	490657
UniProt ID	A0A8I3MMB5

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.