

Mouse Anti-Canine TCP1 Alpha Monoclonal Antibody

Cat. No.: VD11N156

Product Type: Animal-targeted Antibodies

Size: 100 µL

Product Overview

BioVenic mouse monoclonal antibody is specific for canine TCP1 alpha. It can be applied to WB, ICC/IF, IHC, FACS and IP assays of canine TCP1 alpha.

Specifications

Application	WB; ICC/IF; IHC; FACS; IP
Clonality	Monoclonal
Classification	Primary Antibody
Clone	S14N19
Host	Mouse
Target Species	Canine
Species Reactivity	Canine
Specificity	Canine TCP1 Alpha
Isotype	IgG2
Immunogen	Recombinant protein of TCP1 alpha
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Sodium Azide
Buffer	Phosphate Buffered Saline
Physical State	Liquid

Target Information

Canine TCP1 alpha, a component of the chaperonin-containing T-complex (TRiC), is crucial for protein folding and cellular proteostasis, particularly in the folding of actin and tubulin, which are vital for cytoskeletal functions. This molecular chaperone complex assists in the folding of newly synthesized proteins, especially within large complexes, and is highly expressed in tissues with high protein synthesis rates, such as the brain and testes. TCP1 Alpha's role in maintaining cellular integrity and its involvement in protein h

omeostasis pathways make it a significant target in understanding and potentially treating diseases related to protein misfolding and aggregation, such as neurodegenerative disorders and cancer.

Target	Canine TCP1 Alpha
Target Synonym	T-complex protein 1 subunit alpha
Gene ID	484064
UniProt ID	A0A8C0NFB2

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.