

Mouse Anti-Canine DnaJ Homolog Subfamily A Member 2 (DNAJA2) Monoclonal Antibody

Cat. No.: VD11N40

Product Type: Animal-targeted Antibodies

Size: 100 µL

Product Overview

BioVenic mouse monoclonal antibody is specific for canine dnaJ homolog subfamily A member 2. It can be applied to WB, ICC/IF, IHC and FACS assays of canine dnaJ homolog subfamily A member 2.

Specifications

Application	WB; ICC/IF; IHC; FACS
Clonality	Monoclonal
Classification	Primary Antibody
Clone	S9N40
Host	Mouse
Target Species	Canine
Species Reactivity	Canine
Specificity	Canine DnaJ Homolog Subfamily A Member 2
Isotype	IgG1
Immunogen	Recombinant protein of dnaJ homolog subfamily A member 2
Concentration	0.6 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 DnaJ homolog subfamily A member 2 (DNAJA2) is a protein belonging to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. These proteins are crucial for protein folding and mitochondrial protein import, and may have up to three distinct domains: a conserved J domain, a glycine/phenylalanine (G/F)-rich region, and a cysteine-rich domain containing zinc finger-like motifs. In dogs, DNAJA2 plays a significant role in maintaining

cellular homeostasis, particularly in response to stress, and its dysfunction can be associated with various diseases, including autoimmune vasculitis and subacute bacterial endocarditis.

Target	Canine DnaJ Homolog Subfamily A Member 2
Target Synonym	DNAJA2
Gene ID	478143
UniProt ID	A0A8I3MMT0

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.