

Mouse Anti-Canine Lysosomal Associated Membrane Protein 2 (LAMP2) Monoclonal Antibody-[FITC]

Cat. No.: VD11N722

Product Type: Animal-targeted Antibodies

Size: 100 µg

Product Overview

BioVenic mouse monoclonal antibody is specific for canine lysosomal associated membrane protein 2. It can be applied to FCM as say of canine lysosomal associated membrane protein 2.

Specifications

Application	FCM
Clonality	Monoclonal
Classification	Primary Antibody
Clone	J8N5
Host	Mouse
Target Species	Canine
Species Reactivity	Canine
Specificity	Canine Lysosomal Associated Membrane Protein 2
Isotype	IgG1
Immunogen	Recombinant protein of lysosomal associated membrane protein 2
Concentration	0.1 mg/mL
Conjugation	FITC
Preservative and Stabilizer	Sodium Azide
Buffer	Phosphate Buffered Saline, 1% BSA
Physical State	Liquid

Target Information

Canine lysosomal associated membrane protein 2 (LAMP-2) is a crucial protein involved in lysosomal function and autophagy. It plays a significant role in chaperone-mediated autophagy (CMA), where it facilitates the selective import and degradation of cytosolic

proteins into the lysosome through the recognition of specific targeting motifs. LAMP-2 is also implicated in the presentation of cytoplasmic antigens by major histocompatibility complex class II and in the regulation of T-cell responses.

Target	Canine Lysosomal Associated Membrane Protein 2
Target Synonym	LAMP2
Gene ID	481037
UniProt ID	A0A8I3S5M0

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.