

Mouse Anti-Canine Integrin Alpha 6 Monoclonal Antibody

Cat. No.: VD8N94

Product Type: Animal-targeted Antibodies

Size: 50uL; 100uL

Product Overview

BioVenic mouse monoclonal antibody is specific for canine integrin alpha 6. It can be applied to WB, IF and ICC assays of canine integrin alpha 6.

Specifications

Application	WB; IF; ICC
Clonality	Monoclonal
Classification	Primary Antibody
Clone	G3N58
Host	Mouse
Target Species	Canine
Species Reactivity	Canine
Specificity	Canine Integrin Alpha 6
Isotype	IgG
Immunogen	Purified recombinant canine integrin α6 (N-terminus) protein fragments
Concentration	1 mg/mL
Conjugation	Unconjugated
Physical State	Liquid

Target Information

Integrin alpha 6, or ITGA6, is a protein subunit of the integrin family that pairs with various beta subunits to form cell surface receptors. These integrins are essential for cell adhesion and communication with the extracellular matrix (ECM), playing a crucial role in processes such as cell migration, proliferation, and differentiation. ITGA6 is particularly known for its association with integrin beta 4 (ITGB4), forming a receptor for laminin, a key component of the basement membrane. This interaction is vital for the stability and integrity of epithelial tissues, which line the body cavities and cover the body surfaces.

Target	Canine Integrin Alpha 6
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Target Synonym	ITGA6; Integrin alpha-6
Gene ID	100856563
UniProt ID	A0A8C0S936

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

Al-Obaide, Mohammed, *et al.* "The potential role of integrin alpha 6 in human mesenchymal stem cells." *Frontiers in Genetics* 13 (2022): 968228.

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.