

Mouse Anti-Porcine CD27 Monoclonal Antibody

Cat. No.: VD8N491

Product Type: Animal-targeted Antibodies

Size: 50uL; 100uL; 150uL

Product Overview

BioVenic mouse monoclonal antibody is specific for CD27. It is affinity purified by protein A. It can be applied to WB, IF, IHC and ELISA assays of CD27 molecule.

Specifications

Application	WB; IF; IHC; ELISA
Clonality	Monoclonal
Classification	Primary Antibody
Clone	G10N39
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	CD27
Isotype	IgG1
Immunogen	Recombinant protein of CD27
Purification	Protein A Purified
Concentration	1580 µg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline with 50% Glycerol, pH 7.3
Physical State	Liquid

Target Information

Porcine CD27, equivalent to the human CD27 antigen, is a member of the tumor necrosis factor receptor (TNF-R) superfamily. It is primarily expressed on the surface of immune cells, particularly T cells and natural killer (NK) cells, where it plays a critical role in th

e regulation of immune responses. CD27 is involved in the activation, proliferation, and survival of these cells, and it is particularly important in the context of the adaptive immune system. As a molecular target, CD27 is significant due to its potential role in modulating immune responses, making it a candidate for therapeutic intervention in various immune-related diseases. It has been studied in the context of autoimmune diseases, where it could potentially be targeted to dampen excessive immune reactions, and in cancer immunotherapy, where it could be leveraged to enhance the immune system's ability to recognize and eliminate cancer cells.

Target	CD27
Target Synonym	CD27; CD27 antigen
Gene ID	100520023
UniProt ID	Q3ZDR4

Shipping and Storage

This product is shipped with ice gel packs. Store at -20°C (up to 12 months) on receipt.

Reference

Reutner, Katharina, *et al.* "CD27 expression discriminates porcine T helper cells with functionally distinct properties." *Veterinary research* 44 (2013): 1-14.

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.