

Mouse Anti-Chicken CD44 Monoclonal Antibody

Cat. No.: VD7N257

Product Type: Animal-targeted Antibodies

Size: 0.5 mg

Product Overview

BioVenic mouse monoclonal antibody is specific for chicken CD44. It can be applied to FCM and IHC assays of chicken CD44.

Specifications

Application	FCM; IHC
Clonality	Monoclonal
Classification	Primary Antibody
Clone	L10N71
Host	Mouse
Target Species	Chicken
Species Reactivity	Chicken; Avian
Specificity	Chicken CD44
Isotype	IgG1
Purity	> 90%
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Buffer	Borate Buffered Saline, pH 8.2
Physical State	Liquid

Target Information

Chicken CD44 is a cell surface glycoprotein that plays a multifaceted role in the immune system of chickens, being involved in various cellular processes including cell adhesion, migration, and immune cell activation. As a member of the CD44 family of proteins, it is known to interact with a variety of ligands and participate in key immunological functions. CD44 in chickens contributes to the recognition and response to pathogens by modulating the activity of various immune cells, including T cells and B cells. It is also implicated in the process of leukocyte extravasation, allowing immune cells to exit the bloodstream and enter tissues where they are needed to combat infection.

Target	Chicken CD44
Gene ID	395666 ; 100544179 ; 102098155

Shipping and Storage

This product is shipped with ice gel packs. Store at 2°C - 8°C (up to 12 months) on receipt.

Reference

Zhou, Zhen, *et al.* "Myogenic Determination and Differentiation of Chicken Bone Marrow-Derived Mesenchymal Stem Cells under Different Inductive Agents." *Animals* 12.12 (2022): 1531.

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.