

Mouse Anti-Chicken ChT1 Monoclonal Antibody-[FITC]

Cat. No.: VD7N279

Product Type: Animal-targeted Antibodies

Size: 0.5 mg

Product Overview

BioVenic mouse monoclonal antibody is specific for chicken chT1. It can be applied to FCM and IP assays of chicken chicken chT1.

Specifications

Application	FCM; IP
Clonality	Monoclonal
Classification	Primary Antibody
Clone	L11N18
Host	Mouse
Target Species	Chicken
Species Reactivity	Chicken; Avian
Specificity	Chicken ChT1
Isotype	IgG1
Immunogen	Chicken thymocytes
Purity	> 90%
Concentration	0.5 mg/mL
Conjugation	FITC
Preservative and Stabilizer	< 0.1% Sodium Azide
Buffer	Phosphate Buffered Saline
Physical State	Liquid

Target Information

ChT1, belonging to the immunoglobulin superfamily and featuring a single V-like domain and a single C2-like domain, is a T cell surface antigen present on embryonic thymocytes from day 10 of development. In newly hatched chickens, ChT1 is detected in appro

ximately 90% of thymocytes and a subset of peripheral lymphocytes, which are indicative of recent emigrants from the thymus. The peripheral expression of ChT1 diminishes as the chickens age, and its level, in conjunction with partial thymectomy, suggests that it serves as a reliable indicator for evaluating thymic activity. Additionally, the monoclonal antibody CT1 has been found to identify the ChT1 antigen in quail thymocytes of the cortex.

Target	Chicken ChT1
Target Synonym	Chicken thymocyte receptor; chicken T cell thymocyte Ag 1
Gene ID	414795 ; 107312786
UniProt ID	Q9PWR4

Shipping and Storage

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

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.