

Mouse Anti-Chicken TCR $\alpha\beta$ /V β 1 Monoclonal Antibody

Cat. No.: VD7N329

Product Type: Animal-targeted Antibodies

Size: 0.5 mg

Product Overview

BioVenic mouse monoclonal antibody is specific for chicken TCR $\alpha\beta$ /V β 2. It can be applied to FCM, IHC and IP assays of chicken TCR $\alpha\beta$ /V β 2.

Specifications

Application	FCM; IHC; IP
Clonality	Monoclonal
Classification	Primary Antibody
Clone	L11N68
Host	Mouse
Target Species	Chicken
Species Reactivity	Chicken; Avian
Specificity	Chicken TCR $\alpha\beta$ /V β 1
Isotype	IgG1
Immunogen	White Leghorn chick thymocytes and blood mononuclear cells
Purity	> 90%
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Buffer	Borate Buffered Saline, pH 8.2
Physical State	Liquid

Target Information

Chicken TCR $\alpha\beta$ /V β 1 is a component of the T cell receptor (TCR) complex found on the surface of T lymphocytes in chickens. The TCR complex is composed of alpha (α) and beta (β) chains, which are responsible for recognizing antigens presented by major histocompatibility complex (MHC) molecules. The V β 1 domain is one of the variable regions of the β chain, contributing to the diversity of the TCR repertoire.

Target	Chicken TCR $\alpha\beta$ /V β 1
Target Synonym	T3/TCR complex; TCR alpha/beta

Shipping and Storage

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

Reference

Hearn, Cari J., *et al.* "Contribution of the TCR β Repertoire to Marek's Disease Genetic Resistance in the Chicken." *Viruses* 15.3 (2023): 607.

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.