

Mouse Anti-Chicken Ryanodine Receptor Monoclonal Antibody

Cat. No.: VD11N167

Product Type: Animal-targeted Antibodies

Size: 100 µL

Product Overview

BioVenic mouse monoclonal antibody is specific for chicken ryanodine receptor. It can be applied to WB, ICC/IF, IHC and IP assays of chicken ryanodine receptor.

Specifications

Application	WB; ICC/IF; IHC; IP
Clonality	Monoclonal
Classification	Primary Antibody
Clone	S15N7
Host	Mouse
Target Species	Chicken
Species Reactivity	Chicken
Specificity	Chicken Ryanodine Receptor
Isotype	IgG1
Immunogen	Recombinant protein of ryanodine receptor
Concentration	1 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Sodium Azide
Buffer	Phosphate Buffered Saline
Physical State	Liquid

Target Information

Chicken ryanodine receptor (RyR) is a calcium release channel located in the sarcoplasmic reticulum of skeletal muscles, playing a central role in muscle contraction. It is involved in excitation-contraction coupling, where the depolarization of the T-tubule membrane opens the RyR channel to release calcium, a process known as depolarization-induced Ca²⁺ release (DICR). The RyR channel can also be directly activated by Ca²⁺ binding, a phenomenon referred to as Ca²⁺-induced Ca²⁺ release (CICR).

Target	Chicken Ryanodine Receptor
Target Synonym	RYR; Skeletal muscle ryanodine receptor; Type 1 ryanodine receptor
Gene ID	101748756
UniProt ID	Q90984

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody.

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.