

Mouse Anti-Duck IgY Monoclonal Antibody-[FITC]

Cat. No.: VD7N448

Product Type: Animal-targeted Antibodies

Size: 1mL

Product Overview

BioVenic mouse monoclonal antibody is specific for duck IgY. It can be applied to FCM, IF, IP, IHC, ELISA and WB assays of duck IgY.

Specifications

Application	FCM; IF; IP; IHC; ELISA; WB
Clonality	Monoclonal
Classification	Labeled Antibody
Clone	L14N23
Host	Mouse
Target Species	Duck
Species Reactivity	Duck
Specificity	Duck IgY
Purity	> 90%
Concentration	1 mg/mL
Conjugation	FITC
Preservative and Stabilizer	Sodium Azide
Buffer	0.01M Phosphate Buffered Saline, 0.5% Bovine Serum Albumin and 50% Glycerol
Physical State	Liquid

Target Information

Duck IgY, or immunoglobulin Y, is an essential antibody found in the egg yolk of ducks, which offers significant benefits in the field of immunology and biotechnology. Functioning similarly to mammalian IgG, IgY is produced in response to a wide range of antigens, providing ducks with a robust immune defense mechanism. This immunoglobulin is particularly notable for its heat stability and resistance to proteolytic degradation, making it an ideal candidate for research and practical applications. Duck IgY has been harnessed

d for passive immunization, diagnostic assays, and therapeutic treatments due to its ability to target specific pathogens with high specificity.

Target	Duck IgY
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Shipping and Storage

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

Reference

Brocato, Rebecca, *et al.* "DNA vaccine-generated duck polyclonal antibodies as a postexposure prophylactic to prevent hantavirus pulmonary syndrome (HPS)." *Plos one* 7.4 (2012): e35996.

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.