

Mouse Anti-Feline CD5 Monoclonal Antibody

Cat. No.: VD7N373

Product Type: Animal-targeted Antibodies

Size: 0.5 mg

Product Overview

BioVenic mouse monoclonal antibody is specific for feline CD5. It can be applied to FCM, IHC, ELISA and IP assays of feline CD5.

Specifications

Application	FCM; IHC; IP; ELISA
Clonality	Monoclonal
Classification	Primary Antibody
Clone	L12N41
Host	Mouse
Target Species	Feline
Species Reactivity	Feline
Specificity	Feline CD5
Isotype	IgG1
Immunogen	Feline T cells
Purity	> 90%
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Buffer	Borate Buffered Saline, pH 8.2
Physical State	Liquid

Target Information

Feline CD5 is a cell surface glycoprotein that is part of the signaling lymphocyte activation molecule (SLAM) family. It is expressed on various immune cells, including T cells and B cells, in cats. fCD5 plays a role in cell-cell interactions and signal transduction, contributing to the regulation of immune responses. fCD5 is involved in the modulation of immune cell activation and function. It can influence the proliferation, differentiation, and effector functions of T and B cells. Additionally, it may participate in the regulation of immune tolerance and the maintenance of immune homeostasis.

Target	Feline CD5
Target Synonym	fCD5; Pan T cell
Gene ID	101083293

Shipping and Storage

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

Reference

Rütgen, Barbara C., *et al.* "Flowcytometric data of intermediate-large cell gastrointestinal lymphoma presenting a gross mass in 32 cats-"let them glow in the flow"." *Frontiers in Veterinary Science* 11 (2024): 1378826.

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.