

Mouse Anti-Equine CD4 Monoclonal Antibody

Cat. No.: VD12N73

Product Type: Animal-targeted Antibodies

Size: 100 µg

Product Overview

BioVenic mouse monoclonal antibody is specific for equine CD4. It can be applied to IHC, FCM and IP assays of equine CD4.

Specifications

Application	IHC; FCM; IP
Clonality	Monoclonal
Classification	Primary Antibody
Clone	J24N33
Host	Mouse
Target Species	Equine
Species Reactivity	Equine
Specificity	Equine CD4
Isotype	IgG1
Immunogen	Native protein of CD4
Concentration	1 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	Sodium Azide
Buffer	Phosphate Buffered Saline
Physical State	Liquid

Target Information

Equine CD4 is a critical surface glycoprotein expressed on a subset of T lymphocytes, specifically CD4⁺ T cells, which play a central role in the adaptive immune response of horses. CD4⁺ T cells are essential for orchestrating immune responses by recognizing antigens presented by antigen-presenting cells (APCs) through the major histocompatibility complex class II (MHC-II) molecules.

Target	Equine CD4
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Gene ID [100052502](#)

UniProt ID [F6Y6X8](#)

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.