

Mouse Anti-Sheep CD8 Monoclonal Antibody-[PE]

Cat. No.: VD11N660

Product Type: Animal-targeted Antibodies

Product Overview

BioVenic mouse monoclonal antibody is specific for sheep CD8. It can be applied to FCM assay of sheep CD8.

Specifications

Application	FCM
Clonality	Monoclonal
Classification	Primary Antibody
Clone	J7N6
Host	Mouse
Target Species	Sheep
Species Reactivity	Sheep
Specificity	Sheep CD8
Isotype	IgG2
Immunogen	Recombinant protein of CD8
Conjugation	PE
Preservative and Stabilizer	Sodium Azide
Buffer	Phosphate Buffered Saline, 1% BSA
Physical State	Lyophilized

Target Information

Sheep CD8 is a critical cell surface marker expressed on cytotoxic T cells (CD8+ T cells) in sheep. These cells play a significant role in the immune response by identifying and killing infected cells, particularly those infected with viruses or intracellular bacteria. CD8+ T cells are essential for cell-mediated immunity, as they help eliminate pathogens directly through the release of cytotoxic granules containing perforin and granzymes. In sheep, the balance between CD4+ and CD8+ T cells is crucial for maintaining a healthy immune response, with the CD4/CD8 ratio reflecting the overall immune status.

Target	Sheep CD8
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Gene ID [101103464](#)

UniProt ID [W5QHT2](#)

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.