

Rabbit Anti-Sheep IgG Polyclonal Antibody-[FITC]

Cat. No.: VD11N563

Product Type: Animal-targeted Antibodies

Size: 500 µg

Product Overview

BioVenic rabbit polyclonal antibody is specific for sheep IgG. It is affinity purified by CA-AS. It can be applied to ELISA assay of sheep IgG.

Specifications

Application	ELISA
Clonality	Polyclonal
Classification	Primary Antibody
Clone	J1N70
Host	Rabbit
Target Species	Sheep
Species Reactivity	Sheep
Specificity	Sheep IgG
Isotype	IgG
Immunogen	Recombinant protein of IgG
Purification	Purified by CA-AS
Conjugation	FITC
Buffer	0.01M Phosphate Buffered Saline, pH 7.4
Physical State	Liquid

Target Information

Sheep IgG, or immunoglobulin G, plays a pivotal role in the adaptive immune system of sheep, contributing significantly to humoral immunity. This antibody is predominant in colostrum, which is vital for the passive transfer of immunity to newborn lambs, safeguarding them against pathogens. IgG in sheep is engaged in immune responses, neutralizing toxins, and promoting phagocytosis. The levels of IgG in colostrum can vary among different breeds, impacting the lambs' capacity to absorb these antibodies.

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.