

Sheep Anti-Bovine IgG Polyclonal Antibody-[Biotin]

Cat. No.: VD11N754

Product Type: Animal-targeted Antibodies

Size: 1 mg

Product Overview

BioVenic sheep polyclonal antibody is specific for bovine IgG. It can be applied to ELISA and WB assays of bovine IgG.

Specifications

Application	ELISA; WB
Clonality	Polyclonal
Classification	Primary Antibody
Clone	J8N39
Host	Sheep
Target Species	Bovine
Species Reactivity	Bovine
Specificity	Bovine IgG
Isotype	IgG
Immunogen	Recombinant protein of IgG
Concentration	1 mg/mL
Conjugation	Biotin
Preservative and Stabilizer	Sodium Azide
Buffer	Phosphate Buffered Saline
Physical State	Liquid

Target Information

Bovine IgG is the predominant class of immunoglobulins in cattle, playing a crucial role in the immune system. It is involved in neutralizing pathogens, such as viruses and bacteria, by binding to specific antigens. Bovine IgG also activates the complement system, enhancing pathogen clearance and promoting inflammation. Additionally, it facilitates opsonization, which aids phagocytic cells in engulfing and destroying foreign particles. Bovine IgG is essential for passive immunity, as it is transferred from mother to calf via colostrum, providing protection against infections during the early life of the calf.

Target	Bovine IgG
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Shipping and Storage

This product is shipped with wet ice packs. Store at 4°C (up to 12 months) on receipt.

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.