

Mouse Anti-Sheep Interferon Gamma (IFNG) Monoclonal Antibody

Cat. No.: VD12N190

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic mouse monoclonal antibody is specific for sheep interferon gamma. It is affinity purified by protein A. It can be applied to WB, IHC and IF/ICC assays of sheep interferon gamma.

Specifications

Application	WB; IHC; IF/ICC
Clonality	Monoclonal
Classification	Primary Antibody
Clone	F13N34
Host	Mouse
Target Species	Sheep
Species Reactivity	Sheep
Specificity	Sheep Interferon Gamma
Isotype	IgG2
Immunogen	Recombinant protein of interferon gamma
Purification	Protein A Purified
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, 50% Glycerol
Physical State	Liquid

Target Information

Sheep interferon gamma (IFN- γ) is a type II interferon primarily produced by T lymphocytes and natural killer cells. It plays a critical role in the immune response by activating macrophages and enhancing their antimicrobial activity. IFN- γ is involved in regulating immune responses against parasitic infections, such as *Haemonchus contortus*, and has been studied for its role in resistance to gastrointestinal nematodes.

Target	Sheep Interferon Gamma
Target Synonym	IFNG; IFN-gamma
Gene ID	443396
UniProt ID	P17773

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.