

Mouse Anti-Equine Caspase 1 (CASP1) Monoclonal Antibody

Cat. No.: VD12N662

Product Type: Animal-targeted Antibodies

Size: 100 µL

Product Overview

BioVenic mouse mouse antibody is specific for equine caspase 1. It is purified by affinity chromatography. It can be applied to WB, I F and ELISA assays of equine caspase 1.

Specifications

Application	WB; IF; ELISA
Clonality	Mouse
Classification	Primary Antibody
Clone	M7N87
Host	Mouse
Target Species	Equine
Species Reactivity	Equine
Specificity	Equine Caspase 1
Immunogen	Synthesized peptide of caspase 1
Purification	Purified by Affinity Chromatography
Concentration	1 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	Phosphate Buffered Saline with 50% Glycerol and 0.5% BSA
Physical State	Liquid

Target Information

Equine Caspase 1 (CASP1) is a cysteine protease that plays a critical role in regulating inflammatory processes and apoptosis. It is involved in the maturation of pro-inflammatory cytokines such as IL-1 β and IL-18, which are essential for immune responses against pathogens. CASP1 is also implicated in the activation of sterol regulatory element-binding proteins (SREBPs) and can promote apoptosis.

Target	Equine Caspase 1
Target Synonym	CASP1
Gene ID	100033888
UniProt ID	Q9TV13

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). Do not lower than -25°C. 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.