

Mouse Anti-Bovine Casein Monoclonal Antibody

Cat. No.: VD7N396

Product Type: Animal-targeted Antibodies

Size: 1mg

Product Overview

BioVenic mouse monoclonal antibody is specific for bovine casein.

Specifications

Clonality	Monoclonal
Classification	Primary Antibody
Clone	L13N69
Host	Mouse
Target Species	Bovine
Species Reactivity	Bovine
Specificity	Bovine Casein
Purity	> 90%
Conjugation	Unconjugated
Preservative and Stabilizer	Sodium Azide
Buffer	0.01M Phosphate Buffered Saline, pH 7.2
Physical State	Liquid

Target Information

Bovine casein, a significant component of cow's milk proteins, is a family of phosphoproteins known for their nutritional and functional properties. Comprising approximately 80% of the total milk proteins, casein exists in various forms, including alpha, beta, and kappa casein, each with distinct amino acid sequences and structures. This group of proteins is characterized by their rich phosphorus content, which contributes to their unique properties such as water retention and emulsification capabilities. Bovine casein is essential for the nutritional needs of infants and young mammals, providing a source of essential amino acids, calcium, and other vital nutrients.

Target	Bovine Casein
--------	---------------

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). Avoid exposure to light. Avoid repeated freezing and thawing as this may denature the antibody.

Reference

Caroli, Anna Maria, *et al.* "Detecting β -casein variation in bovine milk." *Molecules* 21.2 (2016): 141.

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.