



Mouse Anti-Schmallenberg orthobunyavirus (NSm) Monoclonal Antibody, clone 3D6D4D (CABT-Z901M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant NSm Protein of SBV
Isotype	IgG
Source/Host	Mouse
Species Reactivity	SBV
Clone	3D6D4D
Purification	Unpurified
Conjugate	Unconjugated
Applications	ELISA, IF
Format	Liquid
Concentration	Lot specific
Size	1 ml
Preservative	None
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction

Schmallenberg orthobunyavirus, also called Schmallenberg virus, abbreviated SBV, is a virus that causes congenital malformations and stillbirths in cattle, sheep, goats, and possibly alpaca. The genetic structure of Schmallenberg virus is typical for Bunyavirales viruses, which are a family of enveloped negative-sense single stranded RNA viruses with a genome split into three parts—Small (S), Medium (M) and Large (L). The L RNA segment encodes an RNA-dependent RNA polymerase (L protein), the M RNA segment encodes two surface glycoproteins (Gc and Gn) and a nonstructural protein (NSm), while the S RNA segment encodes a nucleocapsid protein (N) and, in an alternative overlapping reading frame, a second nonstructural protein (NSs).

Keywords

Schmallenberg orthobunyavirus;Schmallenberg virus;SBV