



Mouse Anti-BDV monoclonal antibody, clone 95.7 (CABT-L3206)

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

PRODUCT INFORMATION

Specificity	Border disease virus
Immunogen	Border disease virus
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	BDV
Clone	95.7
Purification	Protein A/G Purified
Conjugate	Unconjugated
Applications	IF, ELISA
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS (pH 7.4)
Preservative	0.1% sodium azide
Storage	Long time storage is recommended at -20°C.
Ship	Wet ice

BACKGROUND

Introduction Border disease virus (BDV) is a pestivirus which causes widespread congenital disease in sheep. It is closely related to classical swine fever virus and bovine virus diarrhea virus (BVDV). BDV consists of two types, cytopathic (CP) and non-cytopathic (NCP), which produce different pathologies in pregnant sheep. Infection by a non-cytopathic form of BDV during the first half of gestation produces four distinct disease syndromes: 1. early embryonic death, 2. abortion and stillbirth, 3. birth of lambs with malformations, and 4. birth of small, weak lambs. Characteristic lesions may also be found in surviving sheep in the nervous, endocrine, skeletal, integumentary and immune systems.

Keywords Border disease virus;BDV

GENE INFORMATION

Synonyms Border disease virus; BDV