Mouse Anti-BVDV Monoclonal Antibody

DMAB28412  Mouse(BVDV)
Lot. No. (See product label)

PRODUCT INFORMATION

**Product Overview**  Mouse Anti-BVDV Monoclonal Antibody

**Specificity**  Bovine Viral Diarrhea Virus 55 kDa glycoprotein. Made using NADL strain. Binds to most BVDV strains. Does not bind to Oregon C24V strain.

**Target**  BVDV

**Host**  Mouse

**Isotype**  IgG2a

**Species**  Virus

**Conjugation**  N/A

**Applications**  IFA, IHC

PACKAGING

**Concentration**  1.0 mg/ml

**Storage**  When the vial is stored at 2-8°C, it should be stable for one year.

BACKGROUND

**Introduction**  Bovine virus diarrhea or bovine viral diarrhea (BVD) or bovine viral diarrhoea (UK English) is a disease of cattle which reduces productivity and increases death loss. It is caused by a Pestivirus from the family Flaviviridae. Classical swine fever (CSF) is also caused by a pestivirus. CSF and BVD are notifiable diseases and eradication programs are administered in many countries worldwide. The molecular biology of pestiviruses shares many similarities and peculiarities with the human hepacviruses. Pestiviruses have the ability to establish persistent infection during pregnancy. Persistent infection with pestiviruses often goes unnoticed; for BVDV frequently nonhomologous RNA recombination events lead to the appearance of genetically distinct viruses that are lethal to the host.

**Keywords**  Bovine Viral Diarrhea Virus; Mouse Anti-BVDV Monoclonal Antibody; Anti-BVDV Monoclonal Antibody; BVDV Monoclonal Antibody Mouse Anti-BVDV MAb; Anti-BVDV MAb; BVDV MAb; Mouse Anti-BVDV Antibody; Anti-BVDV Antibody; BVDV Antibody

REFERENCES