

Datasheet: MCA2591

Description: MOUSE ANTI CANINE DISTEMPER VIRUS
Specificity: CANINE DISTEMPER VIRUS
Format: Purified
Product Type: Monoclonal Antibody
Clone: 7514
Isotype: IgG2a
Quantity: 0.1 mg

Product Details

Target Species Viral

Product Form Purified IgG liquid

Preparation Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

Buffer Solution Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations

IgG concentration 0.1mg/ml

Immunogen

Envelope antigen of Canine distemper virus.

Specificity

MCA2591 detects Canine distemper virus (CDV), a negatively stranded RNA morbillivirus. CDV infection induces a systemic, often fatal disease in a broad and expanding host spectrum among the Carnivora. CDV is highly contagious, and transmission occurs predominantly via aerosols, resulting in neuroinvasiveness and severe immunosuppression. Mortality rates during CDV outbreaks can exceed 80%.

References

1. Harder, T.C. and Osterhaus, A.D. (1997) Canine distemper virus a morbillivirus in search of new hosts? *Trends Microbiol.* 5: 120124.

Storage

Store at +4°C or at 20°C if preferred.
Storage in frostfree freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.