Mouse Anti-Canine Parvovirus Monoclonal Antibody

Mouse, Monoclonal (Canine Parvovirus)
Cat. No. DMAB4049
Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview: Monoclonal Antibody to Canine Parvovirus
Specificity: Canine parvovirus. Will cross-react with Mink Enteritis Virus and Feline Panleucopenia Virus.
Immunogen: Canine parvovirus
Clone: 8H8
Isotype: IgG2a
Host animal: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites
Format: Purified, Liquid
Applications: Suitable for use in ELISA, immunodiffusion and hemagglutinin inhibition and lateral flow. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Purification: >90% pure (SDS-PAGE). Protein A chromatography
Affinity Constant: Not determined

REFERENCES

BACKGROUND

Introduction: Parvoviruses cause infections in a wide variety of birds and mammals. Parvovirus, commonly called parvo, is a genus of the Parvoviridae family linear, non-segmented single stranded DNA viruses with an average genome size of 5 kbp. Parvoviruses are some of the smallest viruses found in nature.

Keywords: Parvoviridae; Parvovirus; Canine Parvovirus; Parvo

PACKAGING

Concentration: 3.5mg/ml (OD280nm, E0.1% = 1.4)
Buffer: PBS, pH 7.4
Preservative: 0.1% Sodium azide
Storage: Store at 2–8°C.
Warning: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 –1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.