



Mouse Anti-Canine Parvovirus Monoclonal Antibody, clone 51B (CABT-CS022)

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

PRODUCT INFORMATION

Specificity	CPV
Target	CPV
Immunogen	CPV
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	CPV
Clone	51B
Purification	This antibody is purified using salt fractionation procedures and Protein A chromatography.
Conjugate	unconjugated
Applications	ELISA, WB
Format	Liquid
Size	1 mg
Buffer	PBS, pH 7.2
Preservative	0.09% Sodium Azide
Storage	Antibody should be stored between 2-8 °C for up to 14 days. For long-term storage, aliquot and store between -20°C and -80°C. Multiple freeze-thaw cycles are not recommended.

BACKGROUND

Introduction

Canine parvovirus is a contagious virus mainly affecting dogs. The disease is highly contagious and is spread from dog to dog by direct or indirect contact with their feces. It can be especially severe in puppies that are not protected by maternal antibodies or vaccination. It has two distinct presentations, a cardiac and intestinal form. The common signs of the intestinal form are severe vomiting and dysentery. The cardiac form causes respiratory or cardiovascular failure in young puppies. Treatment often involves veterinary hospitalization. Vaccines can prevent this infection, but mortality can reach 91% in untreated cases. Canine parvovirus will not infect humans.

Keywords

Canine parvovirus; CPV