



Magic™ Mouse Anti-CPV-2 Monoclonal antibody, clone 18Z150 (DMAB-CS24400)

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

PRODUCT INFORMATION

Specificity	Canine Parvovirus/CPV/CPV2
Target	CPV-2
Immunogen	Inactivated canine parvovirus 2.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	CPV-2
Clone	18Z150
Conjugate	unconjugated
Applications	ELISA (Det), LFIA
Format	Lyophilized
Size	10 µg, 100 µg, 1 mg
Buffer	1X Phosphate buffered saline, pH 7.4
Preservative	None
Storage	Store at -20°C to -80°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody.

BACKGROUND

Introduction

Canine parvovirus 2 (CPV2) is a highly contagious virus that primarily affects domestic dogs, especially puppies and unvaccinated adults. CPV2 is a significant pathogen responsible for canine parvoviral enteritis. CPV2 targets rapidly dividing cells, particularly those in the intestinal tract, bone marrow, and lymphoid tissues. The virus causes severe gastroenteritis, leading to symptoms such as vomiting, diarrhea, lethargy, and dehydration.

Keywords

Canine parvovirus; CPV; Canine parvovirus 2; CPV2; CPV-2