



Magic™ Mouse Anti-CPV-2 VP2 Monoclonal antibody, clone 18Z16 (DMAB-CS24394)

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

PRODUCT INFORMATION

Specificity	Canine Parvovirus 2 Capsid Protein VP2
Target	CPV-2 VP2
Immunogen	Recombinant canine parvovirus 2 capsid protein VP2.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	CPV-2
Clone	18Z16
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 (CPV-2) is a small, non-enveloped virus belonging to the family Parvoviridae. The capsid protein VP2 is a major structural protein of CPV-2 and plays a crucial role in the virus's growth, development, and interaction with host cells. VP2 is used in various diagnostic assays, including ELISA, for the detection of CPV-2 infections in dogs.

Keywords

Canine parvovirus; CPV; Canine parvovirus 2; CPV2; CPV-2; CPV-2 VP2
