



Magic™ Mouse Anti-Astrovirus Capsid monoclonal antibody, clone D12094N (CABT- RM047)

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

PRODUCT INFORMATION

Specificity	Specific for a capsid antigen of Astrovirus
Target	Astrovirus Capsid
Immunogen	Recombinant Astrovirus Capsid Protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Astrovirus
Clone	D12094N
Purification	Protein A Chromatography
Conjugate	Unconjugated
Applications	ELISA (det)
Format	Liquid
Concentration	1.0 mg/mL
Size	1 mg
Buffer	0.01 M Phosphate Buffered Saline, pH 7.2
Preservative	0.1% Sodium Azide

Storage

Store at 2-8°C. Do not freeze. This product does not contain any stabilizing proteins.

BACKGROUND

Introduction

Astroviruses are enterically transmitted viruses that cause infections in mammalian and avian species. Astroviruses are nonenveloped, icosahedral viruses comprised of a capsid protein shell and a positive-sense, single-stranded RNA genome. The astrovirus capsid is the target of host antibodies including virus-neutralizing antibodies. The capsid protein also mediates the binding of host complement proteins and inhibits complement activation.

Keywords

Astrovirus; Astrovirus Capsid; Capsid protein; Astrovirus Capsid protein; Capsidinant protein; Astrovirus Capsidinant
