



Magic™ Mouse Anti-POWV NS1 Monoclonal antibody, clone RCV73 (CABT-RM245)

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

PRODUCT INFORMATION

Specificity	POWV NS1
Target	POWV NS1
Immunogen	Recombinant Powassan Virus
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	POWV
Clone	RCV73
Purification	Ion Exchange Purified,>90% by SDS-PAGE
Conjugate	unconjugated
Applications	ELISA (det), LFIA
Format	Liquid
Size	1 mg
Buffer	0.015M Potassium Phosphate Buffer, pH 7.2 with 0.85% Sodium Chloride
Preservative	0.05% Sodium Azide
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.
Ship	Cold Packs

BACKGROUND

Introduction	Powassan virus is a flavivirus transmitted by ticks, found in North America and in the Russian Far East. It is named after the town of Powassan, Ontario, where it was identified in a young boy who eventually died from it. It can cause encephalitis, an infection of the brain. No vaccine or antiviral drug exists. Prevention of tick bites is the best precaution.
Keywords	Powassan virus non-structural 1 protein; Powassan virus Nonstructural Protein 1;POWV-NS1; POWV; Powassan virus; POWV NS1; NS1