



Mouse Anti-WNV NS1 Monoclonal antibody, clone OP763 (CABT-RM267)

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

PRODUCT INFORMATION

Specificity	West Nile Virus NS1 protein. No reactivity with other Flaviviruses
Target	WNV NS1
Immunogen	Purified West Nile Virus
Isotype	IgG1, kappa
Source/Host	Mouse
Species Reactivity	WNV
Clone	OP763
Purification	Ion Exchange Purified,>90% by SDS-PAGE
Conjugate	unconjugated
Applications	ELISA, LFIA
Format	Liquid
Size	1 mg
Buffer	0.015M Potassium Phosphate, 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	NS1 is a multifunctional protein that is both associated with cell membranes and secreted in the bloodstream as a hexamer. Besides being an essential component of the viral replication complex, WNV NS1 is involved in neuroinvasion and evasion of the host immune response. WNV NS1 has been demonstrated to antagonize TLR3 signaling and thus the establishment of a TLR3-dependent antiviral state in neurons.
Keywords	West Nile Virus non-structural 1 protein; West Nile Virus Nonstructural Protein 1;WNV-NS1; WNV; West Nile Virus; WNV NS1; NS1