



Mouse Anti-ZIKV(strain Zika SPH2015) NS1 monoclonal antibody, clone NN14 (CABT-ZB675)

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

PRODUCT INFORMATION

Specificity	It reacts with ZIKV NS-1 protein
Target	ZIKV
Immunogen	Recombinant Zika virus (ZIKV) (strain Zika SPH2015) ZIKV-NS1 Protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	ZIKV
Clone	NN14
Purification	Protein A purified
Conjugate	Unconjugated
Applications	<p>ELISA(cap)</p> <p>We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB675 - CABT-ZB1010</p> <p>This antibody will detect Zika virus (ZIKV) (strain Zika SPH2015) ZIKV-NS1 in antibody pair set. [ABPR-ZB254]</p>
Preparation	<p>This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Zika virus (ZIKV) (strain Zika SPH2015) ZIKV-NS1. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.</p>

Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL
Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction Zika virus NS1 antigen is one of seven non-structural proteins. NS1 is involved in RNA replication. The possible effects of NS1 on hosts include: localizes to host cell surface and secreted extracellularly, modulates signalling of the innate immune system, has possible damages to platelets and endothelial cells through anti-NS1 antibodies.

Keywords Zika virus; ZIKV; Flaviviridae; Flavivirus

GENE INFORMATION

Synonyms Zika virus; ZIKV; Flaviviridae; Flavivirus