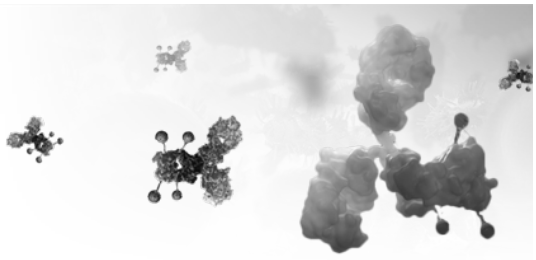

Mouse Anti-Flavivirus Chimeric monoclonal antibody, clone 7NF3 (CABT-L3193)

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

PRODUCT INFORMATION

Product Overview	This mouse antibody incorporate the variable regions of broadly flavivirus cross-reactive mAb 6B6C-1 (specific for the flaviviral envelope (E) protein) into a plasmid construct containing the human IgG γ1 chain. The antibodies recognize Flavivirus (6B6C-1).
Specificity	Reacts with the E protein of the West Nile Virus (WNV)-VLP (virus like particles), Yellow Fever Virus (YFV) and Saint Louis Encephalitis Virus (SLEV) seed antigens in MAC-ELISA, Suckling Mouse Brain (SMB) and VLP antigens in MAC-ELISA
Immunogen	Flaviviral envelope (E) protein
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Virus
Clone	7NF3
Purification	Unpurified
Conjugate	Unconjugated
Applications	ELISA, WB
Format	Liquid
Size	5 ml
Buffer	Cell Culture Supernatant
Preservative	None

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Storage	Long time storage is recommended at -80°C.
Ship	Dry ice

BACKGROUND

Introduction	The flavivirus inlcudes West Nile virus, dengue virus, tick-borne encephalitis virus, yellow fever virus, Zika virus and several other viruses which may cause encephalitis. Flaviviruses have a (+) sense RNA genome and replicate in the cytoplasm of the host cells. The genome mimics the cellular mRNA molecule in all aspects except for the absence of the poly-adenylated (poly-A) tail. This feature allows the virus to exploit cellular apparatus to synthesise both structural and non-structural proteins, during replication.
Keywords	Flavivirus;Flaviviridae;

GENE INFORMATION

Synonyms	Flavivirus; Flaviviridae;

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