



Mouse Anti-Flavivirus Chimeric monoclonal antibody, clone 7FG5 (CABT-L3192)

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 γ 1 chain. The antibodies recognize Flavivirus (6B6C-1).
Specificity	Reacts with YFV, WNV and Japanese encephalitis virus (JEV); Achieves positive P/N values with each flaviviral antigen tested in the indirect IgG ELISA
Immunogen	Flaviviral envelope (E) protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Virus
Clone	7FG5
Purification	Unpurified
Conjugate	Unconjugated
Applications	ELISA, WB
Format	Liquid
Size	5 ml
Buffer	Cell Culture Supernatant
Preservative	None

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

Introduction	The flavivirus includes 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.
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Keywords	Flavivirus;Flaviviridae;
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GENE INFORMATION

Synonyms	Flavivirus; Flaviviridae;
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