



Mouse Anti-Flavivirus monoclonal antibody, clone 6B6C-1 (CABT-L3205)

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

PRODUCT INFORMATION

Product Overview	Mouse anti St. Louis Encephalitis Virus monoclonal antibody
Specificity	This clone recognizes the Saint Louis Encephalitis virus strain (MSI-7) envelope glycoprotein. This clone also reacts with other members of Flaviviridae including Japanese Encephalitis (Nakayama), West Nile, Murray Valley Encephalitis, Yellow Fever, Dengue 1, Dengue 2, Dengue 3 and Dengue 4.
Immunogen	Purified SLE strain MSI-7.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Virus
Clone	6B6C-1
Purification	Affinity purified
Conjugate	Unconjugated
Applications	ELISA, IF
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	Phosphate buffered saline

Preservative	0.1% sodium azide (NaN ₃)
Storage	Long time storage is recommended at -20°C.
Ship	Wet ice

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.
Keywords	Flavivirus;Flaviviridae;