

Product datasheet for **AM01226PU-N**

St. Louis Encephalitis Virus Mouse Monoclonal Antibody [Clone ID: 6b6c-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6b6c-1
Applications:	ELISA, IF
Recommended Dilution:	ELISA. Immunofluorescence.
Reactivity:	St. Louis Encephalitis Virus
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified SLE strain MSI-7. Spleen cells from immunised mice were fused with cells of the SP2/0 Ag 14 myeloma cell line.
Specificity:	This antibody recognises the Saint Louis Encephalitis virus strain (MSI-7) envelope glycoprotein. The antibody cross reacts with other SLE strains and related Flaviviruses as determined by Immunofluorescence and Haemagglutination assays (Roehrig et al.). Clone <i>6b6c-1</i> reacts with others members of Flaviviridae including Japanese Encephalitis (Nakayama), West Nile (EG101), Murray Valley Encephalitis (Original), Yellow Fever (17D), Dengue 1 (Hawaii), Dengue 2 (New Guinea C), Dengue 3 (H87) and Dengue 4 (H241).
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	SLE is a flavivirus producing severe encephalitis in humans. The viral envelope contains a single glycoprotein serving as a major structural component of the virion spike.



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