

AM31578PU-N

Monoclonal Antibody to Japanese Encephalitis Virus (E-8) - Purified

Alternate names:	JE, JEV
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	B925M
Immunogen:	Japanese Encephalitis Virus, Nakayama strain
Format:	State: Liquid purified Ig fraction from Ascites Buffer System: 0.02M Phosphate buffer, pH 7.6 containing 0.25M Sodium Chloride Preservatives: 0.09% Sodium Azide
Applications:	ELISA. Immunofluorescence. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes an epitope (designated as E-8) on the E protein of Japanese Encephalitis Virus (Nakayama). Cross reacts with St. Louis encephalitis (MSI-7), West Nile (EG 101) and Murray Valley encephalitis (Original). Does not cross react with Yellow Fever or Dengue Virus.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.
General Readings:	1. Arunachalam N, Samuel PP, Hiriyan J, Thenmozhi V, Gajanana A. Japanese encephalitis in Kerala, south India: can Mansonia (Diptera: Culicidae) play a supplemental role in transmission? J Med Entomol. 2004 May;41(3):456-61. PubMed PMID: 15185950. 2. Rajendran R, Thenmozhi V, Tewari SC, Balasubramanian A, Ayanar K, Manavalan R, et al. Longitudinal studies in South Indian villages on Japanese encephalitis virus infection in mosquitoes and seroconversion in goats. Trop Med Int Health. 2003 Feb;8(2):174-81. PubMed PMID: 12581445. 3. Roehrig, J.T., et al., (2001), "Antibody prophylaxis and therapy for flavivirus encephalitis infections", In West Nile Virus: Detection, Surveillance and Controls, Eds., D.J. White and D.L. Morse, New York Acad. Sci., New York, NY., 286-297 4. Pyke AT, Williams DT, Nisbet DJ, van den Hurk AF, Taylor CT, Johansen CA, et al. The appearance of a second genotype of Japanese encephalitis virus in the Australasian region. Am J Trop Med Hyg. 2001 Dec;65(6):747-53. PubMed PMID: 11791969.