

ARG22745 anti-Dengue Virus antibody [Dengue 1-11(3)]

Package: 100 µg

Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [Dengue 1-11(3)] recognizes Dengue Virus This antibody recognizes all four dengue virus serotypes (DEN-1, DEN-2, DEN-3 and DEN-4) of the genus Flavivirus. Clone Dengue 1-11 (3) binds strongly to subtypes 1 and 2. It recognizes subtype 3 more weakly. Among the four subtypes, subtype 4 is recognized the least strongly and some customers have reported no recognition of subtype 4. The dengue virus is responsible for the tropical and sub-tropical diseases, dengue (DF) and dengue haemorrhagic fever (DHF), transmitted to individuals through the bite of the Aedes mosquito. The global distribution of dengue is expanding and comparable to that of malaria, with symptoms ranging from a mild viral syndrome of high fever, rash, headache, fatigue and muscle and joint pain, to the more severe and sometimes fatal DHF. Each dengue virus serotype is antigenically distinct, such that infection only provides an individual with immunity to the causative serotype, with the possibility of further infection by a different serotype or even multiple serotypes.
Tested Reactivity	DEN
Tested Application	ELISA, IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	Dengue 1-11(3)
Isotype	IgG2a
Target Name	Dengue Virus
Species	Virus
Conjugation	Un-conjugated

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	IHC-P	Assay-dependent
	WB	Assay-dependent
Application Note	WB: This antibody detects an anti-E/envelope specific band of 61 kDa under reducing conditions. A weak secondary band of 80 kDa may also be apparent. IHC-P: Antigen Retrieval: Boil tissue section in Sodium citrate buffer (pH 6.0) * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS and 0.05% Sodium azide.

Preservative	0.05% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Highlight	<p>Related products: Dengue Virus antibodies; Dengue Virus ELISA Kits; Dengue Virus Duos / Panels; Anti-Mouse IgG secondary antibodies;</p> <p>Related news: New Dengue Virus NS1 antibodies and Antibody Duo Fighting fire with fire: Genetically-engineered mosquitoes as an alternative to fight diseases Tools for studying Dengue Virus Exploring Antiviral Immune Response</p>
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