

Anti-DENV-4 Envelope protein E/EDI domain (5H2) mAb

Catalog No.	RVV19931A RVV19931B	Quantity:	100 µg 1.0 mg
Alternate Names:	Genome polyprotein, Envelope protein E		
Description:	Clone 5H2 was originally a chimpanzee neutralizing monoclonal antibody specific for dengue virus type 4, now expressed as a Human monoclonal antibody specific for the Envelope protein domain I (EDI) from Dengue virus type 4 (strain Dominica /814669/1981). The Envelope protein E binds to host cell surface receptor and mediates fusion between viral and cellular membranes. Envelope protein is synthesized in the endoplasmic reticulum in the form of heterodimer with protein prM.		
UniProt ID (target):	P09866		
Specificity:	Envelope protein E/EDI domain from Dengue virus type 4 (strain Dominica/814669/1981) (DENV-4)		
Source:	Mammalian cell line		
Isotype:	Human IgG1 kappa		
Formulation:	Sterile-filtered 0.01M PBS, pH 7.4		
Clone:	5H2		
Purity:	> 95% by SDS-PAGE.		
Purification:	Protein A/G affinity chromatography from cell culture supernatant		
Concentration:	1.0 mg/ml, lot specific		
Applications:	ELISA		
Storage & Stability:	Store unopened at -20°C to -80°C for up to 1 year. It is recommended to prepare aliquots and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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