

Dengue virus (DENV) (type 2, strain New Guinea C/PUO-218 hybrid) E / Envelope Protein (Domain III) Antibody, Mouse MAb

Catalog Number: 40471-M144



Sino Biological
Biological Solution Specialist

GENERAL INFORMATION	
Immunogen:	Recombinant Dengue virus (DENV) (type 2, strain New Guinea C/PUO-218 hybrid) E / Envelope Protein (Domain III) Protein (Catalog#40471-V08Y1)
Preparation	This product is a recombinant monoclonal antibody expressed from HEK293 cells.
Ig Type:	Mouse IgG1
Clone ID:	144
Specificity:	Dengue virus (DENV) (type 2, strain New Guinea C/PUO-218 hybrid) E / Envelope Protein (Domain III)
	Has cross-reactivity in ELISA with DENV (type 1, strain US/Hawaii/1944) E / Envelope Protein (Catalog # 40531-V08B) DENV (type 3, strain Philippines/H87/1956) E / Envelope Protein (Catalog # 40532-V08B3) DENV (type 4, strain Philippines/H241/1956) E / Envelope Protein (Catalog # 40533-V08H) No cross-reactivity in WB with DENV (type 1, strain US/Hawaii/1944) E / Envelope Protein (Catalog # 40531-V08B) DENV (type 3, strain Philippines/H87/1956) E / Envelope Protein (Catalog # 40532-V08B3) DENV (type 4, strain Philippines/H241/1956) E / Envelope Protein (Catalog # 40533-V08H)
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	E,Envelope protein
APPLICATIONS	
Applications:	WB,ELISA
	IHC, FCM, IF, IP et al. applications haven't been validated. (Antibody's applications haven't been validated with corresponding virus positive samples. Optimal concentrations/dilutions should be determined by the end user.)
RECOMMENDED CONCENTRATION	
Western Blot	WB: 1:500-1:2000
ELISA	ELISA: 1:1000-1:2000 This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect Dengue virus (DENV) (type 2, strain New Guinea C/PUO-218 hybrid) E / Envelope Protein (Domain III).

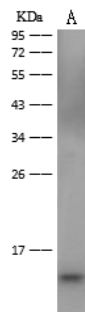
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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Anti-Dengue virus (DENV) (type 2, strain New Guinea C/PUO-218 hybrid) E / Envelope Protein (Domain III) rabbit polyclonal antibody at 1:2000 dilution

Sample: Dengue virus (DENV) (type 2, strain New Guinea C/PUO-218 hybrid) E / Envelope Protein (Domain III) Recombinant Protein
Lane A: 30ng

Secondary
Rabbit Anti-Mouse IgG (H+L)/HRP at 1/10000 dilution

Performed under reducing conditions.