

Chikungunya virus (CHIKV) (strain SL-CK1) E2 / Envelope 2 Antibody, Mouse MAb

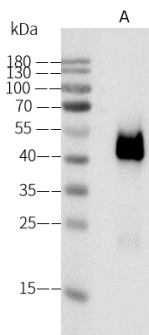
Catalog Number: 40440-MM26



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GENERAL INFORMATION	
Immunogen:	Recombinant Chikungunya virus (CHIKV) (strain SL-CK1) E2 / Envelope 2 Protein (Catalog#40440-V08B)
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Chikungunya virus (CHIKV) (strain SL-CK1) E2 / Envelope 2 (Catalog#40440-V08B; ADG95913.1; Ser326-Gln666). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG2b
Clone ID:	26
Specificity:	Chikungunya virus (CHIKV) (strain SL-CK1) E2 / Envelope 2 Has cross-reactivity in ELISA with CHIKV (UVE/CHIKV/2024/RE/CNR_79903) E2 Protein (Cat# 41094-V49H)
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.
APPLICATIONS	
Applications:	WB, ELISA, ELISA(Det)
	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
ELISA(Cap)	ELISA(Det): 1:1000-1:10000 This antibody will detect Chikungunya virus (CHIKV) (strain SL-CK1) E2 / Envelope 2 in ELISA pair set (Catalog: # SEK40440). In a sandwich ELISA, it can be used as detection antibody when paired with (Catalog: # 40440-MM25). This antibody will detect Chikungunya virus (CHIKV) (UVE/CHIKV/2024/RE/CNR_79903) E2 / Envelope 2 ELISA Pair Set in ELISA pair set (Catalog: # SEK41094). In a sandwich ELISA, it can be used as detection antibody when paired with (Catalog: # 40440-MM25).

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



Anti-CHIKV Envelope 2 mouse monoclonal antibody at 1:1000 dilution

Sample: Recombinant Protein 10 ng

Lane A: Chikungunya virus (CHIKV) (UVE/CHIKV/2024/RE/CNR_79903) E2 / Envelope 2 Protein (Cat#41094-V49H)

Secondary

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

Developed using the ECL technique.
Performed under reducing conditions.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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