

Anti-DENV-1/2/3/4 Envelope protein E/EDIII A strand (4E11#) mAb

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|---------------------------------|--|------------------|------------------|
| Catalog No. | RVV19933A RVV19933B | Quantity: | 100 µg 1.0 mg |
| Alternate Names: | Genome polyprotein, Envelope protein E | | |
| Description: | The murine monoclonal antibody 4E11 emerged as a promising candidate for dengue immunotherapy because it is cross-reactive against all four DENV serotypes, neutralizing DENV1 and DENV2 efficiently, less with serotypes 3 and 4. The epitope bound by 4E11 is centered on the β -strand "A" of the Ig-like domain III from the E protein (DIII). RVV19933 is expressed as a Human monoclonal antibody. | | |
| UniProt ID (target): | Q2YHF0 P07564 P27909 P27915 | | |
| Specificity: | Envelope protein E/EDIII A strand for DENV serotypes 1, 2, 3, 4 Dengue virus type 4 (strain Thailand/0348/1991) (DENV-4) Dengue virus type 2 (strain Jamaica/1409/1983) (DENV-2) Dengue virus type 1 (strain Brazil/97-11/1997) (DENV-1) Dengue virus type 3 (strain Philippines/H87/1956) (DENV-3) | | |
| Source: | Mammalian cell line | | |
| Isotype: | Human IgG1 kappa | | |
| Formulation: | Sterile-filtered 0.01M PBS, pH 7.4 | | |
| Clone: | 4E11# | | |
| 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. | | |

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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