Anti-DIII domain of Dengue E protein [DV10] Bulk Size Ab00245-10.0-BT

Made with Antibody Sequences licensed from Humabs Biomed SA.

Isotype and Format: Human IgG1, Lambda
Clone Number: DV10
Alternative Name(s) of Target: Envelope protein
UniProt Accession Number of Target Protein:
Published Application(s): NTRL, ELISA
Published Species Reactivity: Dengue Virus
Immunogen: Made by immortalizing IgG-expressing B cells Dengue Virus (DENV) patients after primary or secondary infection.
Specificity: This antibody specifically recognizes an epitope in the DIII domain of E protein of DENV-1, DENV-2, DENV-3 and DENV-4 serotypes. This antibody was isolated as a human IgG1 from a patient recovered from a primary DENV-2 infection and neutralises infection.
Application Notes:
Antibody First Published in: Beltramello et al. The human immune response to Dengue Virus is dominated by highly cross-reactive antibodies endowed with neutralizing and enhancing activity. Cell Host Microbe. 2010 Sep 16;8(3):271-83. PMID:20833378
Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4^{o}C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20^{o}C.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.

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