

Anti-DI/DII domain of Dengue E protein [DV78] Standard Size Ab00244-10.0

Made with Antibody Sequences licensed from Humabs Biomed SA.

Isotype and Format: Human IgG1, Kappa

Clone Number: DV78

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 DI/DII 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-3 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: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°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.