

## Anti-DIII domain of Dengue E protein [DV10] Standard Size Ab00245-48.1

Made with Antibody Sequences licensed from Humabs Biomed SA.

This chimeric ferret antibody was made using the variable domain sequences of the original human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Ferret IgG1

**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:** 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.