Anti-DENV Capsid Antibody [Clone 25-4]

Catalog Number	LDG0014YA
Package	100 µg / Customized package

For full product information, images and publications, please visit our website.

Overview

Description

Dengue virus belongs to the family Flaviviridae, genus Flavivirus and consists of four distinct serotypes (DENV1 to 4). Dengue virus is transmitted by mosquitos majorly of species Aedes aegypti and Aedes Albopictus that widespread around tropics and subtropics. Capsid protein is a small protein with very particular structural features, playing an integral role in replication and pathogenesis. Capsid protein interacts with host components, and thus is the potential drug target against DENV infection.

Product Note

Recommended dilution factor:
ELISA: 1:5000-20000
WB: 1:1000-5000
IFA: 1:500-1000
FACS: Assay dependent

Note: Working dilution for specific application should be determined by the investigator to obtain the best conditions.

Specifications

Host	**Clonality**
Mouse	Monoclonal
Isotype	**Clone Name**
IgG2b	clone 25-4
Immunogen	**Reactivity**
Dengue virus Capsid	Dengue virus

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Application

ELISA, WB, IFA, FACS

Conjugation

Unconjugated

Concentration

1 mg/mL

Buffer

Phosphate Buffered Saline containing 0.03% ProClin 300, pH 7.4.

Specificity

capsid

Form

Liquid

Instruction

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.
Suggestion: Divide antibody into several vials. Keep only vials for usage at 2-8°C.

Image

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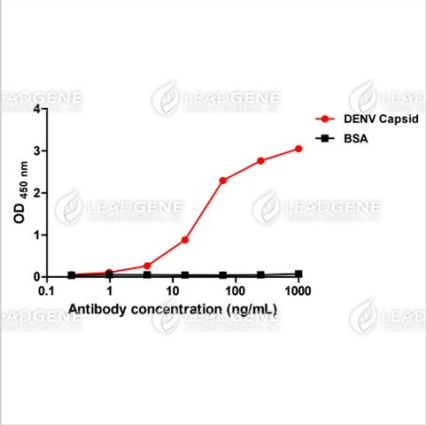
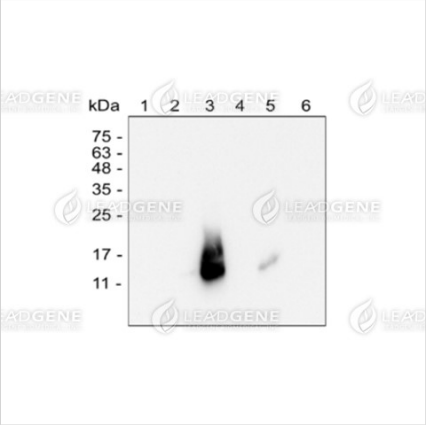


ELISA titration of DENV Capsid antibody



Western blotting analysis of DENV Capsid antibody (1:1000)
Lane 1: ZIKV-infected C636 cell lysate
Lane 2: DENV 1-infected C636 cell lysate
Lane 3: DENV 2-infected C636 cell lysate
Lane 4: DENV 3-infected C636 cell lysate
Lane 5: DENV 4-infected C636 cell lysate
Lane 6: C636 cell lysate

Disclaimer : For Research Use or Further Manufacturing Only.

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