

Anti-DENV NS3 Antibody [Clone 15-5]

Catalog Number LDG0006YA

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. NS3 is a multi-functional enzyme, acting as a protease for polyprotein processing. The NS3 proteins are essential for viral replication and infectivity and important targets for anti-dengue drug design.

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

Mouse

Clonality

Monoclonal

Isotype

IgG2b

Clone Name

clone 15-5

Tainan Headquarter

+886-6-2536677 +886-6-2531536

info@leadgene.com.tw

Taipei Office

+886-2-27065528

Immunogen

Dengue virus NS3

Application

ELISA, WB, IFA, FACS

Concentration

1 mg/mL

Specificity

NS3

Reactivity

Dengue virus

Conjugation

Unconjugated

Storage Buffer

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

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.

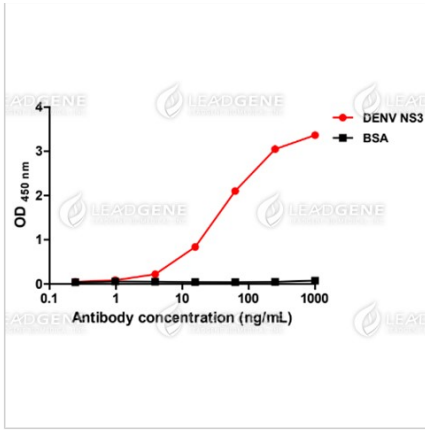
Image**Tainan Headquarter**

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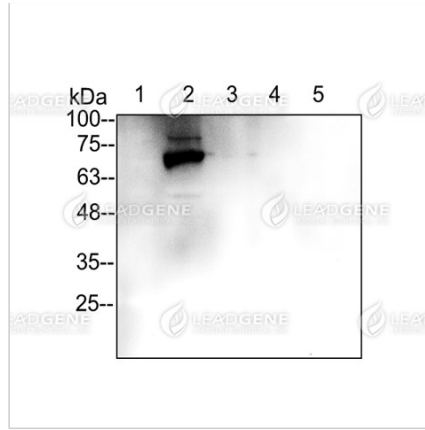
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ELISA titration of DENV NS3 antibody



Western blotting analysis of DENV NS3 antibody (1:1000)
Lane 1: DENV1-infected Vero cell lysate
Lane 2: DENV2-infected Vero cell lysate
Lane 3: DENV3-infected Vero cell lysate
Lane 4: DENV4-infected Vero cell lysate
Lane 5: ZIKV-infected Vero cell lysate

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