

## 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

#### Isotype

IgG2b

#### Immunogen

Dengue virus NS3

#### Clonality

Monoclonal

#### Clone Name

clone 15-5

#### Reactivity

Dengue virus

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**Application**

ELISA, WB, IFA, FACS

**Conjugation**

Unconjugated

**Concentration**

1 mg/mL

**Storage Buffer**

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

**Specificity**

NS3

**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**

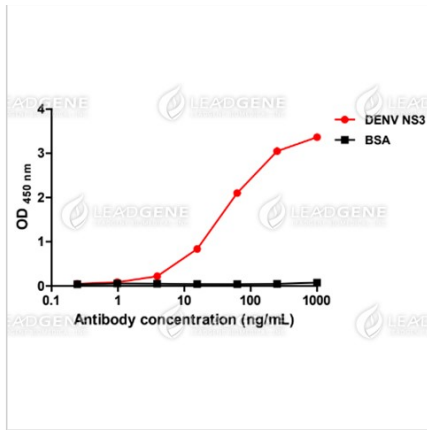
This product is stable after storage at:

- 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.

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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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