

# Dengue virus NS1 protein antibody (Biotin)

**Cat. No. GTX124280-02**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB
<b>Reactivity</b>	Dengue virus 2

**Package**  
100 µl, 25 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000

Not tested in other applications.

**Calculated MW** 40 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1.1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of Dengue virus NS1 protein (Dengue virus 2 (strain 16681 PDK 53)). The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Biotin

### Note

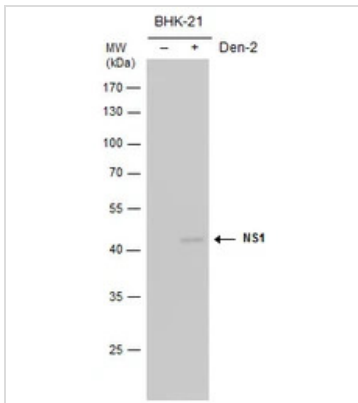
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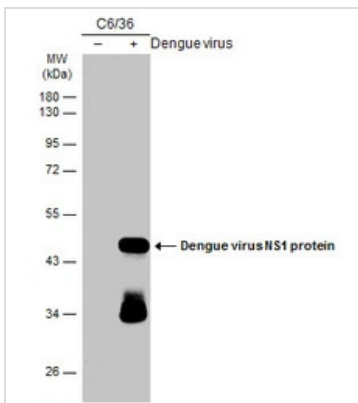
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## DATA IMAGES



### GTX124280-02 WB Image

NS1(Dengue virus) conjugated biotin antibody detects NS1 protein by western blot analysis. Un-infected (-) and infected (+, Den2 infection for ) BHK-21 whole cell extracts (20 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with NS1 conjugated biotin antibody (GTX224280-02) diluted by 1:2000 and developed with Peroxidase-conjugated Streptavidin.



### GTX124280-02 WB Image

Non-infected (-) and infected (+) C6/36 whole cell extracts (5 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Dengue virus NS1 protein antibody (Biotin) (GTX124280-02) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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