



IBT BIOSERVICES

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Rabbit anti-Zika NS1 polyclonal antibody

Catalog #: 0308-002

Lot #: 1605003

Immunogen: Peptide sequence to Zika virus (ZIKV) NS1 (nonstructural protein 1).

Description: Affinity-purified rabbit polyclonal antibody detects ZIKV virus lysate (strain FSS13025, Asian lineage)

Supplied: 100 µg of antibody is supplied in PBS + 0.02% sodium azide at a concentration of **1.018 mg/mL**.

Raised in: Rabbits

Purification: Antibody is affinity purified using immobilized immunogen.

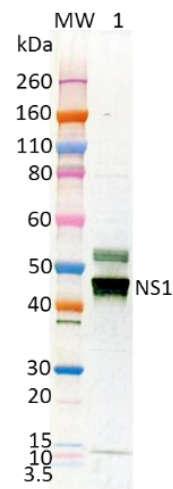
Clonality: Polyclonal

Storage: 2-3 weeks +4°C, -20°C long term

Application: ELISA, Western Blot and Immunofluorescence staining

Related Products: IBT provides a wide array of anti-filovirus specific antibodies and other infectious disease reagents. Please see our website, www.ibtbioservices.com for more details.

Western Blot:



5 µg of ZIKV sucrose-purified virus lysate (lane 1) tested under denaturing and reducing condition, was detected using the anti-ZIKV NS1 rabbit Pab at 0.5 µg/mL, followed by an anti-rabbit IgG-HRP conjugate and TMB membrane substrate.

ELISA Data:

Anti-ZIKV NS1 Rabbit Pab (µg/mL)	OD 650
100.000	2.922
31.623	1.951
10.000	1.018
3.162	0.444
1.000	0.210
0.316	0.121
0.100	0.086
0.032	0.073
0.010	0.080
0.003	0.069
0.001	0.068

ZIKV sucrose-purified virus lysate was diluted to 10 µg/mL in PBS for plate coating. Anti-ZIKV NS1 rabbit pAb was serially diluted semi-log from 100 µg/mL and incubated on the coated plates. Washed plate was detected with anti-rabbit IgG-HRP conjugate and TMB substrate. OD650 is reported above.

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