

Rabbit anti-Zika Envelope (E) Glycoprotein pAb

Catalog #: 0308-001

Description:

Affinity-purified rabbit polyclonal antibody detects ZIKV virus lysate in Western blot and ELISA.

Immunogen/ Target:

Peptide sequence to Zika virus (ZIKV) envelope (E) glycoprotein.

Formulation & Storage: Supplied in PBS and 0.02% sodium azide. **Store at** +4°C for 2-3 weeks, -20°C for long term.

Notes & Usage Guidelines:

Clonality/Isotype: Polyclonal; N/A

Host: Rabbit

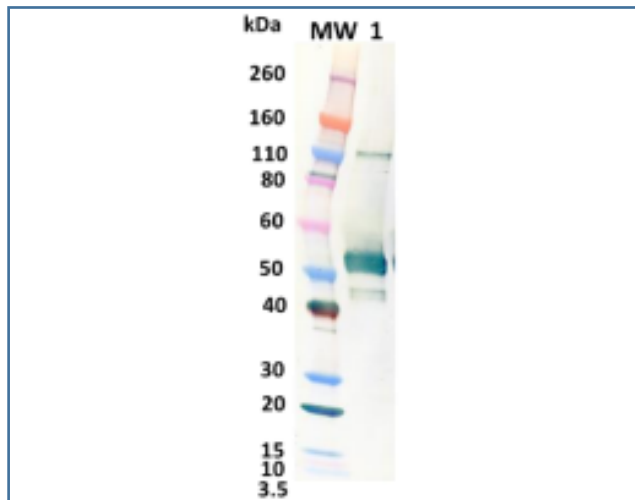
ELISA: Assay-dependent dilution

WB: Assay-dependent dilution

Applications

Western Blot Data:

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



ELISA Data:

ZIKV virus lysate were diluted to 300 ng/well in PBS for plate coating. Anti-ZIKV E glycoprotein Pab was serially diluted semi-log from 10 µg/mL and incubated on the coated plates. Washed plate was detected with anti-rabbit IgG-HRP conjugate and TMB substrate. OD650 is reported below.

Anti-ZIKV glycoprotein Rabbit Pab (µg/mL)	OD 650
10.0000	3.438
3.1626	3.148
1.0002	2.440
0.3163	1.476
0.1000	0.730
0.0316	0.346
0.0100	0.160
0.0032	0.100
0.0010	0.091
0.0003	0.084
0.0001	0.067

Certificate of analysis:

A hardcopy of datasheet is sent along with the products. Please refer to it for detailed information. For older lots, refer to the applicable certificate of analysis that may be requested at products@ibtbioservices.com.

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