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## Rabbit anti-Zika Envelope (E) Glycoprotein polyclonal antibody

**Catalog #:** 0308-001

**Lot #:** 1608001

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

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

**Supplied:** 100 µg of antibody is supplied in PBS+0.02% sodium azide at a concentration of **0.820 mg/mL**.

**Raised in:** Rabbits

**Purification:** Antibody is affinity purified using immobilized immunogen.

**Clonality:** Polyclonal

**Recommended Dilutions:**

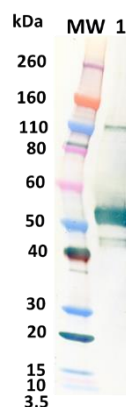
**ELISA:** Assay-dependent dilution.

**WB:** Assay-dependent dilution. Internal QC demonstrates good detection of ZIKV virus lysate when using antibody at 0.5 µg/mL.

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

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

### 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:

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

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 above.

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