

## Rabbit Anti-Eastern Equine Encephalitis (EEEV) E2 Glycoprotein pAb

Catalog #: 0318-001

Lot #: 1701003

### Description:

Affinity-purified rabbit polyclonal antibody reactive to EEEV E2 glycoprotein.

### Immunogen/ Target:

Peptide sequence specific to EEEV E2 glycoprotein.

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

### Notes & Usage Guidelines:

**Clonality/Isotype:** Polyclonal; NA

**Host:** Rabbit

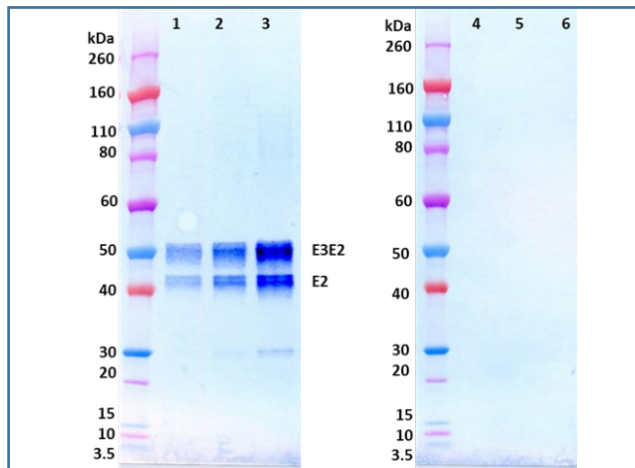
**ELISA:** Assay-dependent dilution

**WB:** Assay-dependent dilution

## Applications

### Western Blot Data:

Rabbit anti-EEEV E2 polyclonal Ab at 500 ng/mL was able to detect EEEV E3E2/E2 glycoprotein (Catalog # 0560-001) loaded at 50, 100 and 200 ng/lane (lanes 1-3). No cross-reactivity against WEEV E3E2/E2 glycoprotein (Catalog # 0561-001) was observed (lanes 4-6). Western Blot was visualized using an anti-rabbit IgG-HRP conjugate and TMB Membrane substrate.



### ELISA Data:

EEEV E3E2/E2 protein was diluted to 4 µg/mL in PBS for plate coating. Rabbit anti-EEEV E2 pAb was serially diluted semi-log from 10 µg/mL and incubated on the coated plates. Washed plates were detected with anti-rabbit IgG-HRP conjugate and TMB substrate. OD650 is reported below.

### Capture ELISA Data:

Anti-EEEV pAb Concentration in µg/mL	OD 650 nm
10.0000	3.727
3.1623	3.868
1.0000	3.747
0.3162	3.065
0.1000	1.925
0.0316	0.885
0.0100	0.367
0.0032	0.162
0.0010	0.143
0.0003	0.080
0.0001	0.077
0.0000	0.070

### Certificate of Testing for:

Lot#: **1701003**

Volume: 100 µg

Concentration: 0.454 mg/mL

### Related Products:

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