

Mouse Anti-Nipah Virus Glycoprotein Polyclonal Antibody

Catalog #: 0375-001

Lot #: 240901

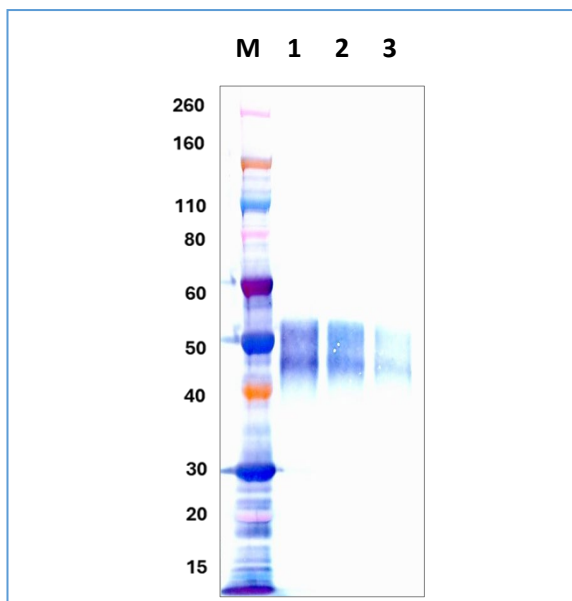
Description: Mouse anti-Nipah Virus Glycoprotein is a mouse polyclonal antibody (Mouse Anti-NivG pAb) developed against the Nipah virus glycoprotein G. This antibody is purified from antiserum using a Protein A column, ensuring high purity and specificity.

Immunogen/ Target: Nipah Virus Glycoprotein (Bangladesh Strain)

Formulation & Storage: Supplied in **20 mM Histidine + 150 mM NaCl + 4% Sucrose, pH 6.0**. Store at +4°C for 2-3 weeks; -80°C for long-term.

Applications

Western Blot Data: Western blot was detected under reduced and denatured conditions with Mouse Anti-NivG pAb at 0.5 µg/mL and visualized using an anti-mouse IgG-HRP conjugate and TMB Membrane substrate. Nipah virus Glycoprotein NivG_B (Cat: # 0580-001) is visualized at 150 ng, 100 ng, and 50 ng (lane 1, 2, and 3 respectively).



ELISA Data: Antigen, NivG (Cat: 0580-001) diluted to 100 ng/well in DPBS for plate coating. Mouse anti-NivG_B pAb was serially diluted semi-log from 1000 ng/mL and incubated on the coated plates. Washed plates were detected with anti-mouse IgG HRP conjugate and TMB Microwell substrate. OD650 is reported below.

Capture ELISA Data:

Antibody	NivG
ng/mL	AU _{650nm}
1000	3.37
316	3.20
100	2.86
31.6	2.20
10.0	1.258
3.16	0.5840
1.00	0.2320
0.3160	0.1090
0.1000	0.0630
0.0316	0.0480
0.0100	0.0460
Blank	0.0378

Certificate of Testing for:

 Lot#: **240901**

Volume: 100 µg

Concentration: 1.33 mg/mL

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