



ANTIBODY

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Mouse Anti-Nipah Virus Fusion Protein Polyclonal Antibody

Catalog #: 0375-002

Description: Mouse anti-Nipah Virus Fusion protein is a mouse polyclonal antibody (Mouse Anti-NivF pAb) developed against the Nipah virus fusion protein F. This antibody is purified from antiserum using a Protein A column, ensuring high purity and specificity.

Immunogen/ Target: Nipah Virus Fusion Protein (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.

Notes & Usage Guidelines:

Clonality/Isotype: Polyclonal

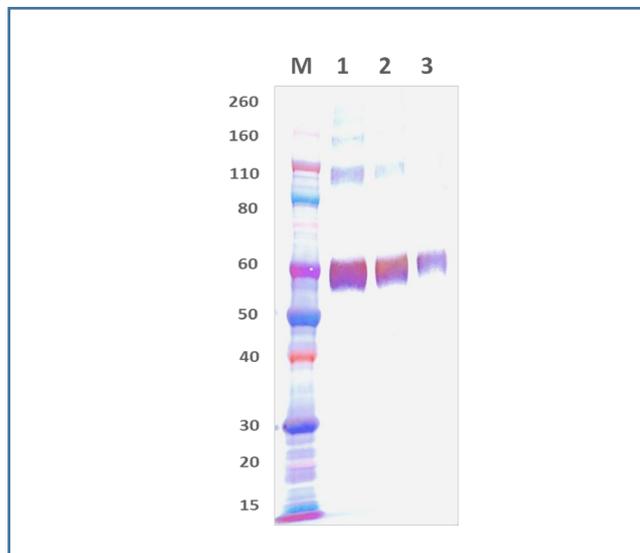
Host: Mouse

ELISA: Assay-dependent dilution

WB: Assay-dependent dilution

Applications

Western Blot Data: Western blot was detected under reduced and denatured conditions with Mouse Anti-NivF pAb at 0.5 µg/mL and visualized using an anti-mouse IgG-HRP conjugate and TMB Membrane substrate. Nipah virus Fusion Protein (Cat: # 0580-002) is visualized at 150 ng, 100 ng, and 50 ng (lane 1, 2, and 3 respectively).



ELISA Data: Antigen, NivF (Cat: 0580-002) diluted to 100 ng/well in DPBS for plate coating. Mouse anti-NivF_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 ng/mL	NivF AU _{650nm}
1000	3.38
316	3.32
100	3.11
31.6	2.61
10.0	1.822
3.16	0.8820
1.00	0.3850
0.3160	0.1690
0.1000	0.0800
0.0316	0.0530
0.0100	0.0530
Blank	0.0401

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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