

Rabbit anti-MARV NP pAb

Catalog #: 0303-012

Description:

Affinity purified rabbit polyclonal antibody reactive to MARV NP. The antibody detects NP in virus-like particles (VLP) in Western blot and ELISA.

Immunogen/ Target:

Peptide sequence specific to Marburg virus (MARV) Nucleocapsid Protein (NP).

Formulation & Storage: Supplied in PBS. Store at +4°C for 2-3 weeks, -20°C for long term.

Notes & Usage Guidelines:

Clonality/Isotype: Polyclonal; N/A

Host: Rabbit

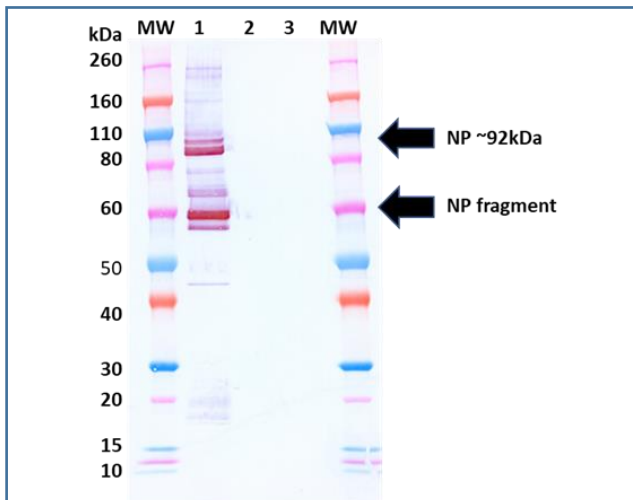
ELISA: Assay-dependent dilution

WB: Assay-dependent dilution

Applications

Western Blot Data:

Western blot was detected under reduced conditions with anti-MARV NP pAb at 100 ng/mL and visualized using an anti-rabbit IgG-HRP conjugate and TMB membrane substrate. NP is visualized in baculovirus-expressed MARV VLP (lane 1) but not in the SUDV or EBOV VLPs (lanes 2, 3).



ELISA Data:

VLPs were diluted to 10 µg/mL in DPBS for plate coating. Anti-MARV NP antibody was serially diluted semi-log from 20 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.

Antibody (µg/mL)	EBOV VLP @ 10 µg/mL	SUDV VLP @ 10 µg/mL	MMARV VLP @ 10 µg/mL
20.0000	0.161	0.187	2.825
6.3246	0.104	0.123	2.925
2.0000	0.089	0.086	2.879
0.6325	0.109	0.083	3.011
0.2000	0.099	0.180	2.686
0.0632	0.098	0.114	2.146
0.0200	0.396	0.093	1.250
0.0063	0.532	0.153	0.609
0.0020	0.102	0.383	0.291
0.0006	0.093	0.156	0.179
0.0002	0.107	0.100	0.122
0.0000	0.075	0.086	0.267
	OD 650 nm		

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.

Related Products:

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