

Rabbit anti-EBOV VP30 Antibody

Catalog #: 0301-048

Description:

Affinity purified rabbit polyclonal antibody reactive to EBOV VP30.

Immunogen/ Target:

Peptide sequence specific to Ebola Virus (EBOV) VP30 phosphoprotein.

Formulation & Storage: Supplied in PBS in frozen format with 0.02% sodium azide added. **Store at +4°C** for 2-3 weeks; -80°C for long-term

Notes & Usage Guidelines:

Clonality/Isotype: Polyclonal; N/A

Host: Rabbit

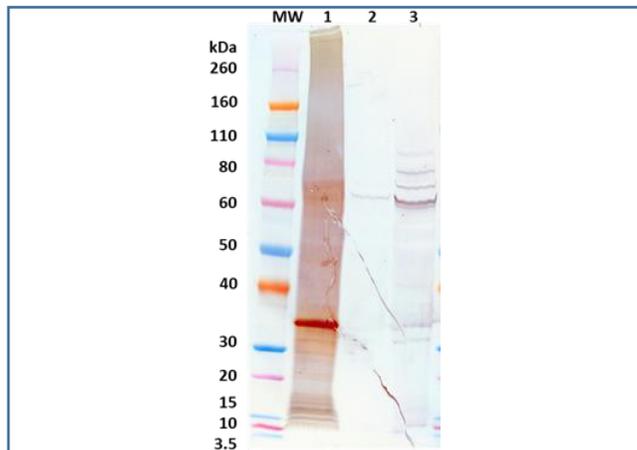
ELISA: Assay-dependent dilution

WB: Assay-dependent dilution

Applications

Western Blot Data:

Anti-EBOV VP30 antibody at 500 ng/mL was able to detect VP30 in heat-denatured and reduced irradiated EBOV virus at 1:2 dilution (lane 1) by Western Blot Analysis. Some nonspecific reactivity was observed with SUDV and MARV irradiated virus (lanes 2 and 3, respectively). Western Blots were developed using an anti-rabbit IgG-HRP conjugate and TMB Membrane substrate.



ELISA Data:

Antigens were diluted to a 1:1000 dilution in PBS for plate coating. Anti-EBOV VP30 antibody 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.

Rabbit anti-EBOV VP30 Antibody (µg/mL)	1:1000 dilution of irradiated virus		
	EBOV	SUDV	MMARV
10.000	3.381	0.540	1.217
3.162	3.243	0.286	0.790
1.000	3.116	0.136	0.348
0.316	2.794	0.091	0.175
0.100	2.503	0.080	0.099
0.032	1.759	0.064	0.076
0.010	0.915	0.063	0.069
0.003	0.377	0.061	0.062
0.001	0.177	0.080	0.071
0.000	0.108	0.078	0.075

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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