

## Rabbit anti-EBOV VP24

Catalog #: 0301-046

### Description:

Affinity purified rabbit polyclonal antibody reactive to EBOV VP24. The antibody detects VP24 in recombinant VP24 (rVP24) in Western Blot and ELISA.

### Immunogen/ Target:

Peptide sequence specific to Ebola Virus (EBOV) VP24 matrix protein.

**Formulation & Storage:** Supplied in PBS in frozen format with no preservatives added. **Store at +4°C** for 2-3 weeks; **-80°C** for long-term

### Notes & Usage Guidelines:

**Clonality/Isotype:** Polyclonal; N/A

**Host:** Rabbit

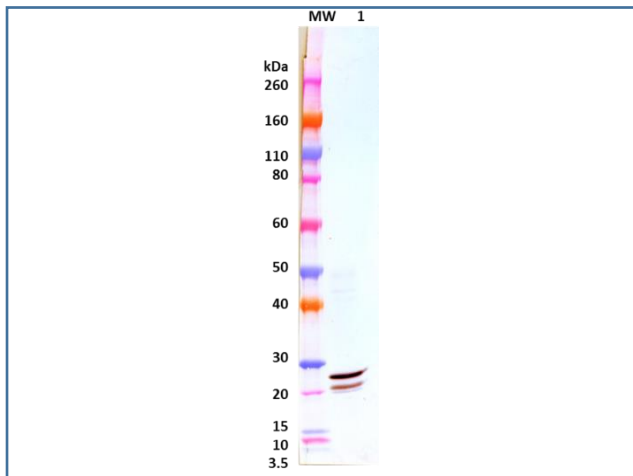
**ELISA:** Assay-dependent dilution

**WB:** Assay-dependent dilution

## Applications

### Western Blot Data:

Anti-EBOV VP24 antibody at 100 ng/mL was able to detect 100 ng of EBOV rVP24 (lane 1) by Western Blot Analysis. Western Blots were developed using an anti-rabbit IgG-HRP conjugate and TMB Membrane substrate.



### ELISA Data:

rVP24 protein was diluted to 3 µg/mL in PBS for plate coating. Anti-EBOV VP24 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.

Anti-EBOV VP24 Antibody (µg/mL)	EBOV VP24 @ 3 µg/mL
10.0000	3.945
3.1623	3.930
1.0000	3.823
0.3162	3.657
0.1000	3.123
0.0316	1.898
0.0100	0.801
0.0032	0.320
0.0010	0.139
0.0003	0.190
0.0001	0.142
0.0000	0.086
	OD 650nm

### 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](mailto:products@ibtbioservices.com).

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