

Rabbit anti-EBOV GPΔmuc Polyclonal Antibody

Catalog #: 0301-038

Description:

Purified rabbit polyclonal antibody reactive to EBOV GP. The antibody detects recombinant EBOV GP (modified) in Western blot and ELISA.

Immunogen/ Target:

Purified recombinant Ebola virus (EBOV) Glycoprotein (GP), modified.

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

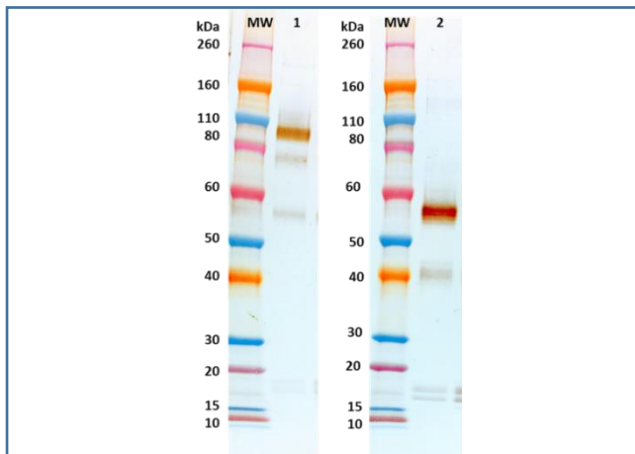
ELISA: Assay-dependent dilution

WB: Assay-dependent dilution

Applications

Western Blot Data:

Western blots were detected with anti-EBOV GPΔmuc at 2 μg/mL and visualized using an anti-rabbit HRP conjugate and chromogenic substrate. Heat-denatured and reduced GP is visualized as multiple bands representing differing glycosylation patterns and GP subunits as observed above: EBOV Makona rGPΔTM (lane 1) and EBOV Mayinga rGPΔmuc (lane 2)



ELISA Data:

rGPΔTM and rGPΔmuc proteins were diluted to 1 μg/mL for plate coating. Anti-EBOV GPΔmuc polyclonal 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.

Amt Ab (μg/mL)	Coating Antigen	
	EBOV Makona rGPΔTM	EBOV Mayinga rGPΔmuc
10.000	3.731	3.912
3.162	3.141	3.153
1.000	2.105	2.142
0.316	0.976	1.030
0.100	0.395	0.416
0.032	0.172	0.181
0.010	0.092	0.108
0.003	0.072	0.078
0.001	0.076	0.056
0.000	0.079	0.071

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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