

Rabbit anti-EBOV soluble GP (sGP) pAb

Catalog #: 0365-001

Description:

Affinity purified rabbit polyclonal antibody reactive to EBOV sGP. The antibody detects EBOV sGP in Western blot and ELISA.

Immunogen/ Target:

Peptide sequence to Ebola Virus (EBOV) soluble glycoprotein (sGP) (Catalog # 0565-001).

Formulation & Storage: Supplied in PBS and 0.02% sodium azide. **Store at** +4°C for 2-3 weeks, -20°C for long term.

Notes & Usage Guidelines:

Clonality/Isotype: Polyclonal; N/A

Host: Rabbit

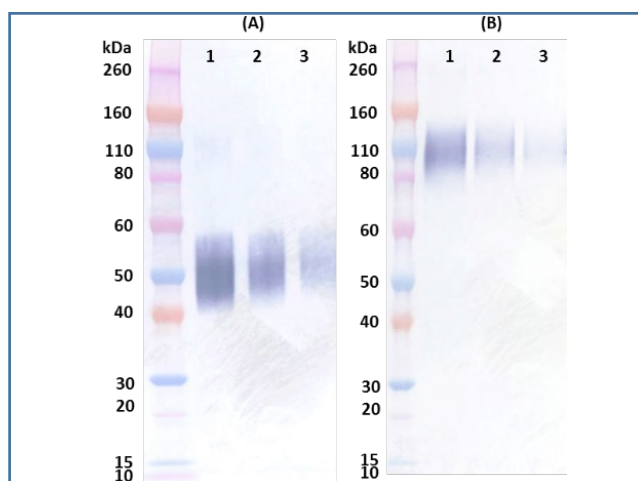
ELISA: Assay-dependent dilution

WB: Assay-dependent dilution

Applications

Western Blot Data:

Western blots were detected under (A) reduced and denatured conditions and (B) non-reduced and denatured conditions with rabbit anti-EBOV sGP antibody at 0.1 µg/mL and visualized using an anti-rabbit IgG-HRP conjugate and TMB Membrane substrate. EBOV sGP is visualized at 200 ng, 100 ng, and 50 ng (lane 1, 2, and 3 respectively). The rabbit anti-EBOV sGP antibody is able to detect both the reduced monomer of EBOV sGP as well as the non-reduced homodimer of EBOV sGP.



ELISA Data:

EBOV sGP and EBOV GPΔTM (Catalog # 0501-001) proteins were diluted to 400 ng/well in PBS to coat plates. The rabbit anti-EBOV sGP antibody was serially diluted, semi-log from 1 µg/mL and incubated on the coated plates. The washed plates were detected with anti-rabbit IgG-HRP conjugate and TMB substrate. The OD650 below shows strong signals against target EBOV sGP. Background signals against EBOV GPΔTM were nearly undetectable.

Rabbit anti-EBOV soluble GP pAb (µg/mL)	EBOV	
	soluble GP	GPΔTM
1.000	3.771	0.118
0.316	3.020	0.086
0.100	1.866	0.074
0.032	0.863	0.070
0.010	0.357	0.076
0.003	0.163	0.072
0.001	0.121	0.083
0.000	0.081	0.082
0.000	0.071	0.097
0.000	0.077	0.077
OD 650		

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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