

## Biotinylated Rabbit anti-MARV GP

Catalog #: 0303-007-bio

### Description:

Affinity purified rabbit polyclonal antibody reactive to MARV GP. The antibody detects GP in virus-like particles (VLP) and recombinant MARV GP without the transmembrane region (rGPΔTM) in Western blot and ELISA. Purified rabbit polyclonal antibody reactive to MARV GP was conjugated with biotin and purified from unconjugated biotin by diafiltration.

### Immunogen/ Target:

Peptide sequence to Marburg virus (MARV) glycoprotein (GP). Sequence is specific to the GP2 subunit.

**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:** N/A

## Applications

### ELISA Data:

rGPΔTM proteins were diluted to 1 µg/mL in PBS for plate coating. Biotinylated Rabbit anti-MARV GP antibody was serially diluted semi-log from 10 µg/mL and incubated on the coated plates. Washed plates were detected with Streptavidin-HRP at a 1:4000 dilution and TMB substrate. OD650 is reported below.

Biotinylated Rabbit anti-MARV GP pAb (µg/mL)	rGPΔTM @ 1 µg/mL			
	MARV-Angola	MARV-Musoke	EBOV	SUDV
10.0000	2.656	3.157	0.075	0.073
3.1626	2.219	3.325	0.072	0.065
1.0002	1.840	2.881	0.072	0.061
0.3163	1.155	1.706	0.074	0.062
0.1000	0.584	0.817	0.068	0.065
0.0316	0.258	0.344	0.076	0.069
0.0100	0.141	0.160	0.071	0.085
0.0032	0.125	0.105	0.072	0.076
0.0010	0.096	0.081	0.077	0.065
0.0003	0.093	0.087	0.074	0.067
0.0001	0.091	0.073	0.083	0.069

### 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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