



IBT BIOSERVICES

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anti-MARV chimeric GP mAb (2D8)

Catalog #: 0203-027

Lot #: 2304005

Immunogen: Purified, recombinant Marburg Virus (MARV) Angola strain glycoprotein lacking the transmembrane region and the mucin domain (rGP Δ muc).

Description: Protein A purified chimeric monoclonal antibody reactive to glycoprotein (GP) in MARV virus-like particles (VLP) and MARV recombinant glycoprotein.

Supplied: 100 μ g is supplied in PBS at a concentration of 0.279 mg/mL. No preservative was added.

Clonality: Monoclonal of the human IgG₁ isotype

Recommended Dilutions:

ELISA: Assay-dependent dilution

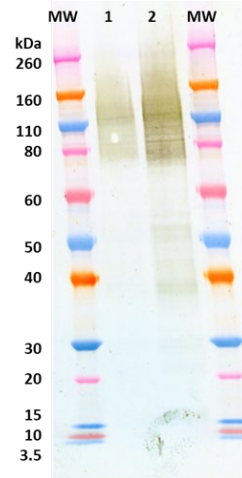
WB: Assay-dependent dilution. Internal QC shows good detection when using mAb 2D8 at 0.1 μ g/mL.

Storage: 2-3 weeks +4°C, -80°C long term

Related Products:

IBT provides a wide array of anti-filovirus specific antibodies, recombinant proteins and other infectious disease reagents. Please see our website, www.ibtbioservices.com for more details.

Western Blot Data:



Heat-denatured, reduced AMARV rGP Δ TM (Sf9) (cat# 0506-015) was loaded at 100ng and 500ng per lane (lanes 1 and 2, respectively). Western Blot was detected using 0.1 μ g/mL chimeric anti-MARV GP mAb 2D8 and visualized using an anti-human IgG-HRP conjugate, followed by TMB Membrane substrate.

ELISA Data:

mAb 2D8 μ g/mL	100 ng/well
	AMARV rGP Δ TM
10.0000	3.668
3.1623	3.565
1.0000	3.599
0.3162	3.460
0.1000	3.229
0.0316	2.789
0.0100	1.883
0.0032	1.050
0.0010	0.619
0.0003	0.571
0.0001	0.379
	OD 650 nm

Antigen diluted to 1 μ g/mL in DPBS for plate coating. Chimeric anti-MARV GP mAb 2D8 was serially diluted semi-log from 10 μ g/mL and incubated on the coated plates. Washed plates were detected with anti-human IgG-HRP conjugate and TMB Microwell substrate. OD650 is reported above.

Intended for research use only, not for human, therapeutic, or diagnostic applications.

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