



IBT BIOSERVICES

21 Firstfield RD * Suite 100
Gaithersburg, MD 20878
877-411-2041
Services@ibtbioservices.com

Rabbit anti-LASV GP pAb

Catalog #: 0307-001

Lot #: 1401010

Immunogen: Peptide sequence specific to Lassa virus (LASV) glycoprotein (GP).

Description: Affinity purified rabbit polyclonal antibody reactive to LASV GP in Western blot and ELISA.

Supplied: 100 µg is supplied in PBS at a concentration of 0.81 mg/mL. 0.02% Sodium azide has been added.

Raised in: Rabbits

Purification: Antibody is affinity purified using immobilized immunogen.

Clonality: Polyclonal

Relevance: The antibody can be used for detection of LASV GP.

Recommended Dilutions:

ELISA: Assay-dependent dilution

WB: Assay-dependent dilution. Internal QC demonstrates strong detection of at least 50 ng of LASV recombinant GP (rGP) with a use dilution of 100 ng/mL of the antibody.

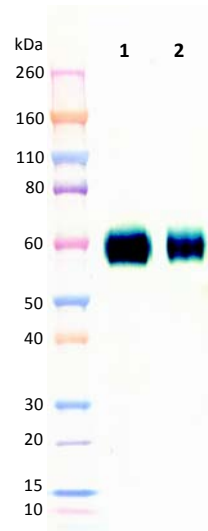
Storage: 2-3 weeks +4°C, -20°C long term

Cross Reactivity: Not tested

Related Products:

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

Western Blot Data:



Lane 1: 100 ng LASV rGP
Lane 2: 50 ng LASV rGP

Western blot was detected under reduced conditions with anti-LASV GP pAb at 100 ng/mL and visualized using an anti-rabbit IgG-HRP conjugate and TMB membrane substrate. LASV recombinant GP is visualized as a broad band at ~60 kDa.

ELISA Data:

Antibody (µg/mL)	LASV recombinant GP @ 1 µg/mL OD 650 nm
2.0000	3.7180
0.6325	3.6810
0.2000	3.4320
0.0632	2.5310
0.0200	1.2360
0.0063	0.5080
0.0020	0.1920
0.0006	0.0950
0.0002	0.0670
0.0000	0.0540

LASV recombinant GP was diluted to 1 µg/mL in PBS for plate coating. Anti-LASV GP antibody was serially diluted semi-log from 2 µg/mL and incubated on the coated plates. Washed plates were detected with anti-rabbit IgG-HRP conjugate and TMB substrate. OD₆₅₀ is reported above.

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

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