



IBT BIOSERVICES

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Rabbit anti-LASV GP pAb

Catalog #: 0307-001

Lot #: 1807005

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 at a concentration of 0.457 mg/mL in PBS with 0.02% Sodium azide.

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.

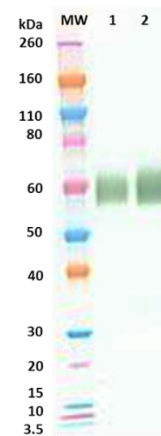
Storage: 2-3 weeks @ +4°C; long term @ -80°C

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: 50 ng LASV rGP
Lane 2: 100 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:

Rabbit anti-LASV GP Antibody (µg/mL)	OD 650 nm
10.000	3.791
3.162	3.644
1.000	3.592
0.316	2.714
0.100	1.703
0.032	0.791
0.010	0.317
0.003	0.149
0.001	0.091
0.000	0.077

LASV recombinant GP was diluted to 1 µg/mL in PBS for plate coating. Anti-LASV GP 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 above.

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

The buyer cannot sell or otherwise transfer this product for Commercial Purposes without written approval of Integrated BioTherapeutics, Inc.

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