



IBT BIOSERVICES

4 Research Court, Suite 300
Rockville, MD 20850
877-411-2041
Services@ibtbioservices.com

Rabbit anti-SUDV soluble GP

Catalog #: 0302-030

Lot #: 1707002

Immunogen: Peptide sequence to Sudan Virus (SUDV) soluble glycoprotein (sGP).

Description: Affinity purified rabbit polyclonal antibody reactive to SUDV sGP. The antibody detects sGP in Western Blot and ELISA.

Supplied: 100 µg of antibody is supplied in PBS + 0.02% sodium azide at a concentration of **0.698 mg/mL**.

Raised in: Rabbits

Purification: Antibody is affinity purified using immobilized immunogen.

Clonality: Polyclonal

Relevance: The antibody can be used for detection of SUDV sGP.

Recommended Dilutions:

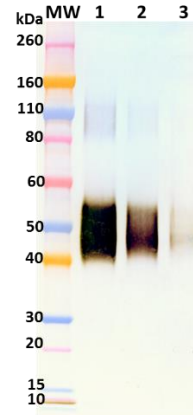
ELISA: Assay-dependent dilution.

WB: Assay-dependent dilution. Internal QC demonstrates good detection of SUDV sGP when using antibody at 0.1 µg/mL.

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

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

Western Blot Data:



Western blot was detected under denaturing and reducing conditions with anti-SUDV sGP antibody at 0.1 µg/mL and visualized using an anti-rabbit IgG-HRP conjugate and TMB Membrane substrate. SUDV sGP is visualized at 500 ng, 200 ng, and 50 ng (lane 1, 2, and 3 respectively).

ELISA Data:

µg/mL Rabbit anti-SUDV sGP pAb	SUDV	
	soluble GP	GPΔTM
10.0000	3.703	0.119
3.1623	3.673	0.087
1.0000	3.495	0.075
0.3162	2.963	0.072
0.1000	2.140	0.064
0.0316	1.032	0.056
0.0100	0.439	0.068
0.0032	0.192	0.064
0.0010	0.117	0.084
0.0003	0.113	0.076
0.0001	0.065	0.108
0.0000	0.054	0.066
	OD 650	

SUDV sGP (cat 0570-001) and SUDV GPΔTM (cat 0502-001) proteins were diluted to 400 ng/well in PBS for plate coating. Anti-SUDV sGP antibody was semi-log diluted from 10 µg/mL and incubated on the coated plates. Washed plate was 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.

Copyright 2017. Integrated BioTherapeutics, Inc. All rights reserved.