

LASV GPC Recombinant Antibody | LASV recombinant antibody

Anti-LASV GPC Antibody (12.1F)

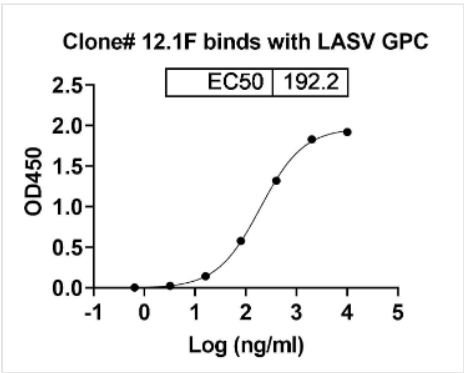
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA120204	Human	Lassa virus (strain Mouse/Sierra Leone/Josiah/1976) (LASV)	Western Blot, Neutralization Assay, ELISA

PRODUCT SYNONYMS

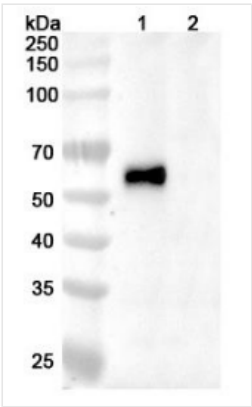
LASV GPC; Monoclonal Recombinant Antibody; Anti-LASV GPC Antibody (12.1F); Pre-glycoprotein polyprotein GP complex; Pre-GP-C; GPC; GP-C; Lassa Virus (LASV); LASV recombinant antibody

PRODUCT SPECIFICATIONS

Host	Human
Reactivity	Lassa virus (strain Mouse/Sierra Leone/Josiah/1976) (LASV)
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	12.1F
Purity/Purification	>95% by SDS-PAGE. Protein A or G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH 7.4.
Concentration	1.77 mg/ml (varies by lot)
Applicable Applications for LASV recombinant antibody	WB (Western Blot), NTRL (Neutralization Assay), ELISA
Expression system	Mammalian Cells
Preparation and Storage	Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



Bioactivity
Detects LASV GPC protein in indirect ELISAs.



WB (Western Blot)
Various lysates were subjected to SDS PAGE followed by western blot with GPC antibody at 1 ug/ml.Lane 1: GPC transfected HEK293 cell lysateLane 2: Non-transfected HEK293 cell lysateSecond Ab: Goat Anti-Human IgG H&L Polyclonal antibody, HRP at 0.1 ug/mL.Predict MW: 55 kDaObserved MW: 55 kDa

NCBI AND UNIPROT INFORMATION

NCBI GI #	23343511
NCBI GeneID	956585
NCBI Accession #	NP_694870.1
NCBI GenBank Nucleotide #	NC_004296.1
UniProt Accession #	P08669
NCBI Official Full Name	glycoprotein
NCBI Official Symbol	LASVsSgp2
NCBI Protein Information	glycoprotein
UniProt Protein Name	Pre-glycoprotein polypeptide GP complex
UniProt Gene Name	GPC
UniProt Synonym Gene Names	GP-C; SSP; GP1; GP2
UniProt Entry Name	GLYC_LASSJ

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.