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+1 484.791.3823

Datasheet for 600-401-EH0

SFTS Virus HB29 Antibody

Overview

Description:	Anti-SFTS Virus HB29 (RABBIT) Antibody - 600-401-EH0
Item No.:	600-401-EH0
Size:	100 µg
Applications:	ELISA
Reactivity:	Virus
Host Species:	Rabbit

Product Details

Background:	Severe fever with thrombocytopenia syndrome (SFTS) is an emerging infectious disease caused by SFTS virus, a newly discovered bunyavirus that can cause high rates of fatalities. This disease is thought to be transmitted through blood contact. The SFTS virus HB29 membrane glycoprotein polyprotein mRNA encodes two glycoproteins termed Phlebovirus glycoprotein G1 and G2 respectively. This antibody will detect the G1 glycoprotein.
Synonyms:	SFTS Virus HB29 Antibody
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	B303_sMgp1
Reactivity:	Virus
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-SFTS Virus HB29 Membrane Glycoprotein antibody was prepared from whole rabbit serum produced by repeated immunizations with a 19 amino acid synthetic peptide near the N-terminus of human SFTS Virus HB29 Membrane Glycoprotein.

Purity/Specificity:	Anti-SFTS Virus HB29 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. SFTS Virus HB29 Membrane Glycoprotein antibody is specific to the SFTS Virus HB29.
Relevant Links:	• UniProtKB - F1BA47 • GeneID - 13231111 • NCBI - ADZ04471

Application Details

Tested Applications:	ELISA
Application Note:	Anti-SFTS Virus HB29 Antibody has been tested for use in ELISA. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 117 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	User Optimized

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/ml by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

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