

Product Datasheet

SFTS Virus HB29 Antibody - BSA Free NBP2-41156

Unit Size: 0.1 mg

Store at 4C.

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NBP2-41156

SFTS Virus HB29 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	13231111
Gene Symbol	B303_sMgp1
Species	Virus
Specificity/Sensitivity	SFTS Virus HB29 Membrane Glycoprotein antibody is specific to the SFTS Virus HB29.
Immunogen	Antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human SFTS Virus HB29 Membrane Glycoprotein. The immunogen is located within the last 50 amino acids of SFTS Virus HB29. Amino Acid Sequence: KLGTKQVFRSRTKLA

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA 1 ug/ml
Application Notes	Use in Western Blot reported in scientific literature (PMID:32196487).



Publications

Jeong, DE;Yoon, J;Kim, B;Kang, JG; The immunogenicity and protection efficacy evaluation of mRNA vaccine candidate for severe fever with thrombocytopenia syndrome in mice PLoS neglected tropical diseases 2025-04-30 [PMID: 40305552]

Jae-Yong Kim, Kyeongseok Jeon, Sang-In Park, Yoo-Jin Bang, Hyeong-Jun Park, Hye Won Kwak, Do-Hyung Kim, Soo-Yeon Lee, Eun-Jin Choi, Nam-Hyuk Cho, Jae-Hwan Nam mRNA vaccine encoding Gn provides protection against severe fever with thrombocytopenia syndrome virus in mice NPJ Vaccines 2023-10-31 [PMID: 37907507]

Nam J, Kim J, Lee S et al. mRNA vaccine encoding Gn Provides Protection Against Severe Fever with Thrombocytopenia Syndrome Virus in mice Research Square 2023-06-29 (Western Blot)

Kim JY, Jeon K, Hong JJ et al. Heterologous vaccination utilizing viral vector and protein platforms confers complete protection against SFTSV Scientific reports 2023-05-20 [PMID: 37210393] (WB)

Yoshikawa T, Taniguchi S, Kato H et al. A highly attenuated vaccinia virus strain LC16m8-based vaccine for severe fever with thrombocytopenia syndrome PLoS pathogens 2021-02-01 [PMID: 33534867] (WB, Virus)

Details:
SFTS Virus HB29

Kang JG, Jeon K, Choi H et al. Vaccination with single plasmid DNA encoding IL-12 and antigens of severe fever with thrombocytopenia syndrome virus elicits complete protection in IFNAR knockout mice PLoS Negl Trop Dis 2020-03-01 [PMID: 32196487] (WB, Human)





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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