

Product Datasheet

Sars Membrane Protein Antibody - BSA Free NB100-56569

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-56569**Sars Membrane Protein Antibody - BSA Free**

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS containing 0.2% gelatin

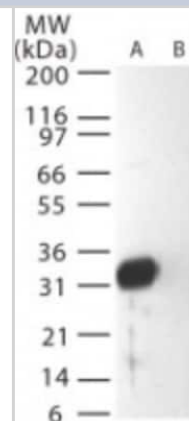
Product Description	
Description	Novus Biologicals Rabbit Sars Membrane Protein Antibody - BSA Free (NB100-56569) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-Sars Membrane Protein Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1489672
Species	SARS-CoV
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: COVID-19 (93%)
Specificity/Sensitivity	The NCBI accession number of the SARS matrix protein is NP_828855.1.
Immunogen	The antibody was developed by immunizing rabbits with a synthetic peptide corresponding to amino acids 195-210 (YSRYRIGNYKLNTDH) from the M (Membrane protein) for the Human SARS coronavirus (Genbank accession no. YP_009724393.1)

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 0.5-2 ug/ml, Immunocytochemistry/ Immunofluorescence reported by customer review

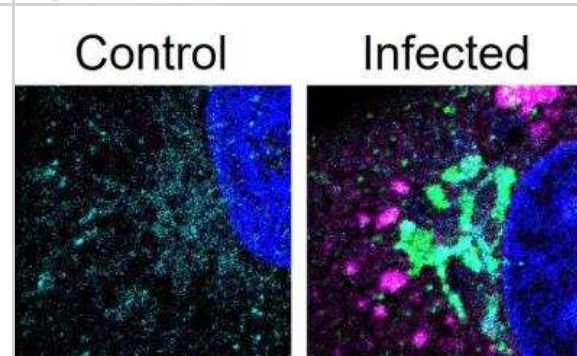


Images

Western Blot: Sars Membrane Protein Antibody [NB100-56569] - Western blot analysis of Sars Membrane Protein in (A) recombinant fusion protein containing amino acids 195-210 and (B) fusion partner without these amino acids, using NB100-56569 at 0.5 ug/ml.



Immunocytochemistry/Immunofluorescence: Sars Membrane Protein Antibody [NB100-56569] - Vero cells infected with SARS-CoV-2. Blue: DAPI; Green: SARS-CoV-2 membrane protein (NB100-56569); Magenta: SARS-CoV-2 nucleocapsid protein. Image from verified customer review.



Publications

Katharina M. Scherer, Luca Mascheroni, George W. Carnell, Lucia C. S. Wunderlich, Stanislaw Makarchuk, Marius Brockhoff, Ioanna Mela, Ana Fernandez-Villegas, Max Barysevich, Hazel Stewart, Maria Suau Sans, Charlotte L. George, Jacob R. Lamb, Gabriele S. Kaminski-Schierle, Jonathan L. Heeney, Clemens F. Kaminski SARS-CoV-2 nucleocapsid protein adheres to replication organelles before viral assembly at the Golgi/ERGIC and lysosome-mediated egress *Science Advances* 2022-01-01 [PMID: 34995113]

Benlarbi M, Laroche G, Fink C et al. Identification and differential usage of a host metalloproteinase entry pathway by SARS-CoV-2 Delta and Omicron *iScience* 2022-11-18 [PMID: 36254158]

Sullivan E, Sung P, Wu W et al. SARS-CoV-2 Virus-like Particles Produced by a Single Recombinant Baculovirus Generate Anti-S Antibody and Protect against Variant Challenge Viruses 2022-04-27 [PMID: 35632656] (WB)

Zhang L, Wei L, Jiang D et al. SARS-CoV nucleocapsid protein induced apoptosis of COS-1 mediated by the mitochondrial pathway. *Artif Cells Blood Substit Immobil Biotechnol.* 2007-01-01 [PMID: 17453707]

Details:

WB: Fig. 1 (COS-1, Huh-7, and Hep2 transiently or mock-transfected with SARS Matrix, Spike, or Nucleocapsid proteins), Antibodies were transfected validated. Imgenex products cited: 1. SARS-Spike (IMG-5119A) 2. SARS-Spike (IMG-5015) 3. SARS-M (IMG-5125A).



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Products Related to NB100-56569

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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