

Product Datasheet

SARS Spike Protein Antibody - BSA Free NB100-56048

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 4

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NB100-56048**SARS Spike Protein Antibody - BSA Free**

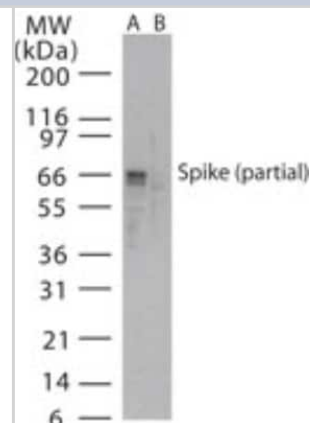
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS containing 0.2% gelatin

Product Description	
Description	Novus Biologicals Rabbit SARS Spike Protein Antibody - BSA Free (NB100-56048) is a polyclonal antibody validated for use in WB and ELISA. Anti-SARS Spike Protein Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Species	SARS-CoV
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: COVID-19 (69%)
Specificity/Sensitivity	The antibody was tested on a cell line transfected with a partial-length cDNA coding for the N-terminal portion of SARS Spike protein with a predicted molecular weight of 68 kDa.
Immunogen	The antibody was developed by immunizing rabbits with a synthetic peptide corresponding to amino acids 288-303 (AVDCALDPLSETKCTL) from the S (Spike glycoprotein)(Spike protein 1) for the Human SARS coronavirus (Genbank accession no. YP_009724390)

Product Application Details	
Applications	Western Blot, ELISA, In vitro assay
Recommended Dilutions	Western Blot 0.1-1 ug/ml, ELISA 0.1-1 ug/ml, In vitro assay reported in scientific literature (PMID 34120764)

Images

Western Blot: Sars Spike Protein Antibody [NB100-56048] - Used at 1 ug/ml to analyze SARS Spike in (A) transfected mouse melanoma cell lysate and (B) untransfected cell lysate.



Publications

Dey A, Chozhavel Rajanathan TM, Chandra H et al. Immunogenic potential of DNA vaccine candidate, ZyCoV-D against SARS-CoV-2 in animal models Vaccine 2021-07-05 [PMID: 34120764] (In vitro)

Wang Wei, Ye Linbai, Ye Li et al. Up-regulation of IL-6 and TNF-alpha induced by SARS-coronavirus spike protein in murine macrophages via NF-kappaB pathway. Virus Res. 2007-09-01 [PMID: 17532082]

Xiao X, Chakraborti S, Dimitrov AS et al. The SARS-CoV S glycoprotein: expression and functional characterization. Biochem Biophys Res Commun. 2003-12-26 [PMID: 14651994]

Liniger M, Zuniga A, Tamin A et al. Induction of neutralising antibodies and cellular immune responses against SARS coronavirus by recombinant measles viruses. Vaccine. 2008-04-16 [PMID: 18346823] (WB)





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Products Related to NB100-56048

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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