Product Datasheet

SARS Nucleocapsid Protein Antibody
NB100-56683SS

Unit Size: 0.05 ml

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

Publications: 5

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SARS Nucleocapsid Protein Antibody

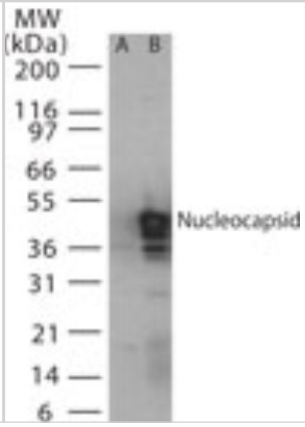
Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Purity	Whole antisera
Buffer	PBS containing 0.2% gelatin

Product Description	
Host	Rabbit
Species	Human
Species Reactivity	Cross reacts with Human.
Specificity/Sensitivity	The was tested on a cell line transfected with full-length SARS Nucleocapsid cDNA with a predicted molecular weight of 46 kDa.
Immunogen	The antibody was developed by immunizing rabbits with synthetic peptides corresponding to amino acids 354-370 of putative SARS nucleocapsid (Genbank accession no. NP_828858).

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	ELISA 1:100-1:2000, Western Blot 1:100-1:2000

Images

Western Blot: SARS Nucleocapsid Protein Antibody [NB100-56683] - Analysis of SARS Nucleocapsid in (A) untransfected mouse melanoma cell lysate and (B) transfected cell lysate using this antibody at a 1:2000 dilution.



Publications

Gupta V, Tabiin TM, Sun K et al. SARS coronavirus nucleocapsid immunodominant T-cell epitope cluster is common to both exogenous recombinant and endogenous DNA-encoded immunogens. Virology. 2006 Mar 30 [PMID: 16387339]

Wathelet MG, Orr M, Frieman MB, Baric RS. Severe acute respiratory syndrome coronavirus evades antiviral signaling: role of nsp1 and rational design of an attenuated strain. J Virol. 2007 Nov [PMID: 17715225]

Devaraj SG, Wang N, Chen Z et al. Regulation of IRF-3-dependent innate immunity by the papain-like protease domain of the severe acute respiratory syndrome coronavirus. J Biol Chem. 2007 Nov 2 [PMID: 17761676]

Tseng CT, Tseng J, Perrone L et al. Apical entry and release of severe acute respiratory syndrome-associated coronavirus in polarized Calu-3 lung epithelial cells. J Virol. 2005 Aug [PMID: 16014910]

Shulla A, Heald-Sargent T, Subramanya G et al. A transmembrane serine protease is linked to the severe acute respiratory syndrome coronavirus receptor and activates virus entry. J Virol. 2011 Jan [PMID: 21068237]

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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.

For more information on our guarantee, please visit www.novusbio.com/guarantee.