

# Product Datasheet

## SARS Spike Protein Antibody (17F706R) - BSA Free NBP2-90999

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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### Publications: 2

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**NBP2-90999**

SARS Spike Protein Antibody (17F706R) - BSA Free

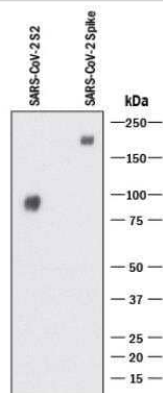
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	17F706R
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse SARS Spike Protein Antibody (17F706R) - BSA Free (NBP2-90999) is a recombinant monoclonal antibody validated for use in WB. Anti-SARS Spike Protein Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	SARS-CoV
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: COVID-19 (100%)
Immunogen	This recombinant SARS Spike antibody was developed by immunizing mice with a synthetic peptide corresponding to amino acids 1124-1140 (C-QPELDSFKEELDKYFKN) from the S (Spike glycoprotein)(Spike protein S2') for the Human SARS coronavirus (Genbank accession no. NP_828851.1)

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 2 ug/ml
Application Notes	This antibody only works in non-reducing conditions in Western blot.

**Images**

Western Blot: Sars Spike Protein Antibody (17F706R) [NBP2-90999] - Western blot analysis of SARS-CoV-2 spike protein S2 and SARS-CoV-2 Spike S1/S2 using 2 ug/ml of SARS CoV-2 antibody NBP2-90999 at 2 ug/ml. This blot was run under non-reducing conditions.



## Publications

Chang-Kyu Heo, Won-Hee Lim, Ki-Beom Moon, Jihyun Yang, Sang Jick Kim, Hyun-Soon Kim, Doo-Jin Kim, Eun-Wie Cho, Fabrizio Maggi, Licia Bordi S2 Peptide-Conjugated SARS-CoV-2 Virus-like Particles Provide Broad Protection against SARS-CoV-2 Variants of Concern Vaccines 2024-06-18 [PMID: 38932406]

Chang-Kyu Heo, Won-Hee Lim, Jihyun Yang, Sumin Son, Sang Jick Kim, Doo-Jin Kim, Haryoung Poo, Eun-Wie Cho Novel S2 subunit-specific antibody with broad neutralizing activity against SARS-CoV-2 variants of concern Frontiers in Immunology 2023-12-08 [PMID: 38143750]





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### **Products Related to NBP2-90999**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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.

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