

Product Datasheet

SARS Nucleocapsid Protein Antibody (AP201054) - Azide and BSA Free NBP2-90967

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-90967

SARS Nucleocapsid Protein Antibody (AP201054) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	AP201054
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterilized PBS to a final concentration of 0.5 mg/ml.
Isotype	IgG
Purity	Protein G purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS.

Product Description	
Host	Mouse
Gene ID	1489678
Gene Symbol	N
Species	SARS-CoV, SARS-CoV-2
Reactivity Notes	Use in SARS-CoV-2 reported in scientific literature (PMID:34944502) This antibody was selected for its ability to detect COVID-19 & SARS Coronavirus Nucleoprotein (NP) in direct ELISA. Immunogen displays the following percentage of sequence identity for non-tested species: COVID-19 (84%).
Immunogen	The antibody was developed by immunizing mice with a with a protein fragment corresponding to amino acids 1-49 (C-MSDNGPQSNQRSAPRITFGGPTDSTDNNQNGGRNGARPKQRRPQGLPNN) from the N (SARS Nucleocapsid) for the Human SARS coronavirus (Genbank accession no. NP_828858.1)

Product Application Details	
Applications	Western Blot, ELISA, Immunoassay, Immunocytochemistry/ Immunofluorescence, Direct ELISA
Recommended Dilutions	Western Blot 1:1000, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoassay, Direct ELISA
Application Notes	Use in Immunoassay reported in scientific literature (PMID:34944502)..



Publications

Abd El-Lateef HM, El-Dabea T, Khalaf MM Et al. Development of Metal Complexes for Treatment of Coronaviruses Int J Mol Sci 2022-06-24 [PMID: 35742870] (IA)

Details:

Citation using the HRP version of this antibody.

Cirri D, Marzo T, Tolbatov I Et al. In Vitro Anti-SARS-CoV-2 Activity of Selected Metal Compounds and Potential Molecular Basis for Their Actions Based on Computational Study Biomolecules 2021-12-24 [PMID: 34944502] (IA, SARS-CoV-2)

Details:

Citation using the HRP version of this antibody.

Vicenti I, Martina MG, Boccutto A et al. System-oriented optimization of multi-target 2,6-diaminopurine derivatives: Easily accessible broad-spectrum antivirals active against flaviviruses, influenza virus and SARS-CoV-2 Eur J Med Chem 2021-07-17 [PMID: 34273661] (ELISA)

Details:

This citation used the HRP format of this antibody.





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Products Related to NBP2-90967

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NB100-56049PEP	SARS Nucleocapsid Protein Antibody Blocking Peptide

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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