

Nur für Forschungszwecke

SARS-CoV-2 Nucleocapsid Phosphoprotein Monoklonaler Antikörper



Katalog-Nr.: **67666-1-Ig** **2 Publikationen**

Allgemeine Informationen

Katalog-Nr.: 67666-1-Ig	GenBank-Zugangsnummer: NC_045512	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von	GeneID (NCBI): 43740575	CloneNo.: 1B3C3
Nanodrop;	Vollständiger Name: COVID-19 N Protein	Empfohlene Verdünnungen: WB 1:5000-1:50000
Wirt: Maus		
Isotyp: IgG1		
Immunogen Katalognummer: AG30676		

Anwendungen

Geprüfte Anwendungen: WB,ELISA	Positivkontrollen: WB : Ag30676,
Getestete Reaktivität: Virus	
Zitierte Arten: Maus	

Hintergrundinformationen

The nucleocapsid (N) protein has multiple functions including formation of nucleocapsids, signal transduction virus budding, RNA replication, and mRNA transcription. N protein is an important antigen for coronavirus, and it is normally highly conserved, with a molecular weight of about 50 kDa. It can be used as a marker in diagnostic assays due to its high immunogenicity (PMID: 32416961, PMID: 32235387). 67666-1-Ig can be used as capture antibody. 67666-2-Ig can be used as detection antibody.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Marina Pribanić Matešić	35216036	Viruses	
I Novodchuk	35512584	Biosens Bioelectron	

Lagerung

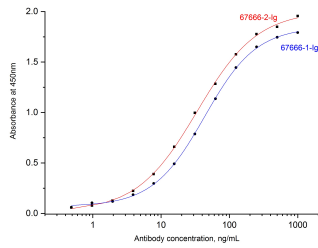
Lagerungsbedingungen:
Bei -20°C lagern.
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

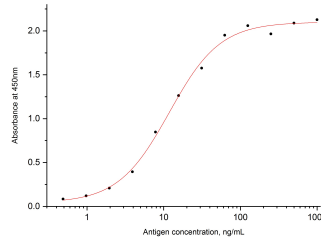
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

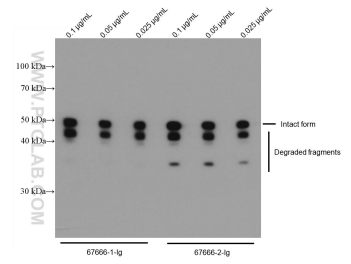
Ausgewählte Validierungsdaten



Indirect ELISA was carried out by coating eukaryotic expressed N protein at 70 ng/well followed by blocking and adding serial diluted primary antibody 67666-1-Ig and 67666-2-Ig respectively. Signal was developed with TMB and stopped by H₂SO₄. Signal strength was measured by absorbance at 450 nm.



Sandwich ELISA was carried out by coating 67666-1-Ig at 80 ng/well followed by blocking and adding different concentration of eukaryotic expressed N protein (0.5-1000 ng/mL). HRP-conjugated clone 67666-2-Ig was used at 1 µg/mL for detection. Signal was developed with TMB and stopped by H₂SO₄. Signal strength was measured by absorbance at 450 nm.



E.coli expressed SARS-CoV-2 Nucleocapsid Phosphoprotein (Cat.NO. Ag30676) was subjected to SDS-PAGE followed by western blot with 67666-1-Ig and 67666-2-Ig at various work concentration.