

À des fins de recherche uniquement

Anticorps Monoclonal anti-SARS-CoV-2 Nucleocapsid Phosphoprotein



Numéro de catalogue: 67666-1-Ig **2 Publications**

Informations de base

Numéro de catalogue: 67666-1-Ig	Numéro d'acquisition GenBank: NC_045512	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 43740575	CloneNo.: 1B3C3
Hôte: Mouse	Nom complet: COVID-19 N Protein	Dilutions recommandées: WB 1:5000-1:50000
Isotype: IgG1		
Immunogen Catalog Number: AG30676		

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : Ag30676,
Spécificité de l'espèce: Virus	
Espèces citées: souris	

Informations générales

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Marina Pribanić Matešić	35216036	Viruses	
I Novodchuk	35512584	Biosens Bioelectron	

Stockage

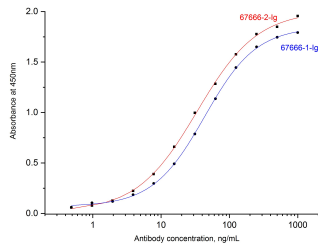
Stockage:
Stocker à -20 °C.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

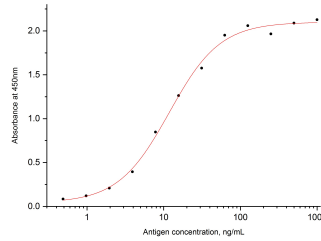
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

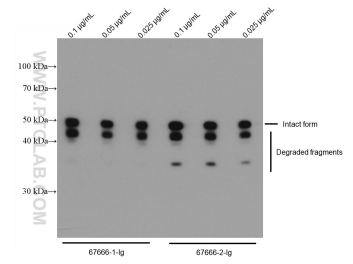
Données de validation sélectionnées



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.