

À des fins de recherche uniquement

Anticorps Monoclonal anti-SARS-CoV-2 Nucleocapsid Phosphoprotein



Numéro de catalogue: 67666-2-Ig

Informations de base

Numéro de catalogue: 67666-2-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.: 6D10E2
Hôte: Mouse	Nom complet: COVID-19 N Protein	Dilutions recommandées: WB 1:5000-1:50000
Isotype: IgG2b		
Immunogen Catalog Number: AG30676		

Applications

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

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.

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.**

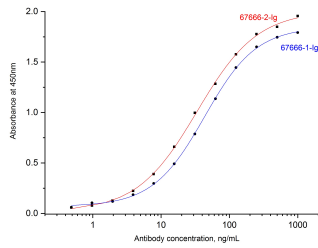
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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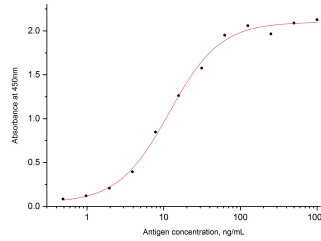
E: proteintech@ptglab.com
W: ptglab.com

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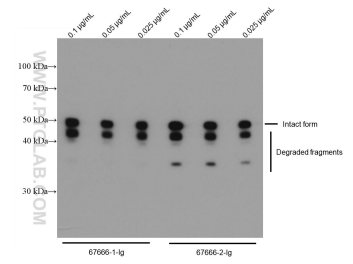
Données de validation sélectionnées



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.