

À des fins de recherche uniquement

Anticorps Monoclonal anti-SARS-CoV-2 S protein (944-1214 aa)



Numéro de catalogue: 67794-1-Ig

Informations de base

Numéro de catalogue: 67794-1-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): 43740568	CloneNo.: 1H5E6
Hôte: Mouse	Nom complet: SARS-CoV-2 Spike Protein	Dilutions recommandées: WB 1:5000-1:50000
Isotype: IgG1	MW calculé 141 kDa	
Immunogen Catalog Number: AG30682		

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : ag30682,
Spécificité de l'espèce: Virus	

Informations générales

Coronaviruses (CoVs) infect human and animals and cause varieties of diseases, including respiratory, enteric, renal, and neurological diseases. CoV uses its spike protein to recognize ACE2 as its receptors and mediate membrane fusion and virus entry into host cells (PMID: 32221306). Each monomer of trimeric S protein is about 180 kDa, and contains two subunits, S1 and S2, S1 recognizes and binds to host receptors, and subsequent conformational changes in S2 facilitate fusion between the viral envelope and the host cell membrane (PMID: 19198616). Although the amino acid sequences of the S-glycoprotein were found to be different between the various HCoV, the structures showed high similarity, but the best 3D structural overlap shared by SARS-CoV and SARS-CoV-2, consistent with the shared ACE2 predicted receptor (PMID: 32522207). The spike protein of CoVs can be a target for vaccine and therapeutic development (PMID: 19198616).

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.

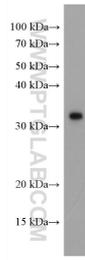
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



Spike Glycoprotein (944-1214 aa) were subjected to SDS PAGE followed by western blot with 67794-1-Ig (SARS-CoV-2 Spike Glycoprotein (944-1214 aa) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.