COVID 19 Spike S1 Protein Coronavirus Monoclonal Antibody | anti-COVID-19 antibody

Anti-2019-nCoV Spike S1 mab (5D9)

CATALOG #	HOST
AAA268870	**Mammalian expression system**

PRODUCT SYNONYMS

COVID 19 Spike S1 Protein Coronavirus; Monoclonal Antibody; Anti-2019-nCoV Spike S1 mab (5D9); 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Spike S1; anti-COVID-19 antibody

PRODUCT SPECIFICATIONS

Host	Mammalian expression system
Clonality	Monoclonal
Isotype	Human IgG1; recombinant monoclonal antibody.
Clone Number	5D9
Specificity	Antibody recognizes 2019-nCoV S1 Protein/2019-nCoV S-RBD Protein
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE
Form/Format	Supplied as a 0.2 uM filtered solution of PBS, pH 7.4
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Reconstituted protein solution should be stored at ≤ -20 degree C. Stability is confirmed by binding ability with 2019-nCoV S Protein RBD-SD1 (MBS8574761). The result showed that product bioactivity had no significant differences among these samples stored at 4°C for 0, 3, 7, 14 days, respectively.

IMAGES

SDS-PAGE
Immobilized 2019-nCoV S1 Protein-His (Cat#) at 2 ug/ml (100 ul/well) can bind Anti-2019-nCoV S1 mAb (Cat# AAA268870).The ED50 of Anti-2019-nCoV S1 mAb (Cat# AAA268870) is 36.9 ng/ml.

SDS-PAGE
Immobilized 2019-nCoV S Protein RBD-SD1-mFc(Cat#) at 5ug/ml (100 ul/well) can bind Anti-2019-nCoV S1 mAb (Cat# AAA268870). The ED50 of Anti-2019-nCoV S1 mAb (Cat# AAA268870) is 24.5 ng/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-COVID-19 antibody	Anti-2019-nCoV S1 mAb is a human monoclonal antibody human IgG1 and is produced by our Mammalian expression system.

NCBI AND UNIPROT INFORMATION

Molecular Weight	Molecular Mass: 48.9 & 24.2kDa Aproximate Molecular Mass; 58 & 28kDa, reducing conditions.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.