

Product Datasheet

SARS-CoV-2 Spike RBD Neutralizing Antibody, monoclonal (orb1274211)

Description

SARS-CoV-2 Spike RBD Neutralizing Antibody,

kDa	M	R
116.0		

Reactivity

Human

Conjugation

Unconjugated

Tested

ELISA, WB

Applications

Immunogen

Anti-SARS-CoV-2 RBD Neutralizing Antibody, Human IgG1 is isolated from a SARS-CoV-2 infected patient and is recombinantly produced from human 293 cells (HEK293). This antibody recognizes the SARS-CoV-2 Spike Protein RBD domain and inhibits the interaction between SARS-CoV-2 RBD and ACE2 with an IC50 of 1.47 ug/mL using SARS-CoV-2 Inhibitor Screening Kit .Pseudovirus assay shows that this antibody has potent neutralizing activity against pseudovirus bearing SARS-CoV-2 Spike protein.

Target

S

Preservatives

Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4 . Normally trehalose is added as protectant before lyophilization.

Form/Appearance

Lyophilized

Concentration

batch dependent

Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower..Please avoid repeated freeze-thaw cycles.This product is stable after storage at:-20 to -70°C for 12 months in lyophilized state from date of receipt;,-70°C for 3 months under sterile conditions after reconstitution.

Note

For research use only

Isotype

Human IgG1/kappa

Clonality

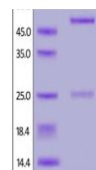
Recombinant

Uniprot ID

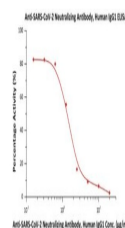
P0DTC2

Expiration Date

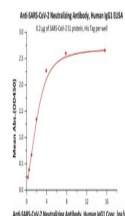
12 months from date of receipt.



Anti-SARS-CoV-2 RBD Neutralizing Antibod...



Serial dilutions of Anti-SARS-CoV-2 RBD ...



Immobilized SARS-CoV-2 S1 protein, His T...