

SARS-CoV-2

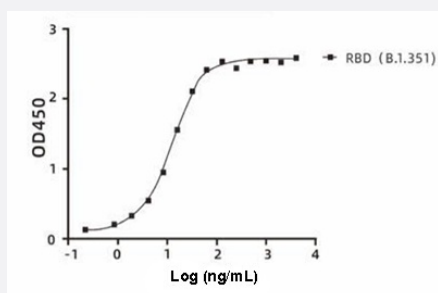
RecomAb™

SARS-CoV-2 Beta Variant S recombinant monoclonal antibody

Catalog # RAB01067

Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

Titration curves of SARS-CoV-2 Variant B.1.351 S recombinant monoclonal antibody (Cat # RAB01067). 96-well corning ELISA plate was coated with S (SARS-CoV-2 Variant B.1.351) RBD Recombinant Protein (Cat # P6703) at a concentration of 2 ug/mL, and with a EC50 of 12.19 ng/mL.

Result Data

Pseudoviral particle (PP) infection assay challenged by SARS-CoV-2 Variant B.1.351 S recombinant monoclonal antibody (Cat # RAB01067).

HEK293-ACE2 cells infected with SARS-CoV-2 pseudoviral particles under various amounts of SARS-CoV-2 Variant B.1.351 S recombinant monoclonal antibody (Cat # RAB01067), with IC50 of 42.8 ng/mL (SARS-CoV-2 Pseudoviral Particles, D614G) and 45 ng/mL (SARS-CoV-2 Pseudoviral Particles, South Africa Variant).

Specification

Product Description	Human recombinant monoclonal antibody raised against SARS-CoV-2 Beta Variant S.
Antibody Species	Human
Immunogen	Recombinant protein corresponding to SARS-CoV-2 Variant B.1.351 S.
Reactivity	SARS-CoV-2

Specificity	Reacts with RBD domain of spike protein of SARS-CoV-2, including South Africa variant (B.1.351) and UK variant (B.1.1.7).
Form	Liquid
Preparation Method	This antibody is a CHO expressed recombinant antibody. It has the characteristic human Fc domain.
Purification	Affinity chromatography
Isotype	Human IgG
Recommend Usage	ELISA Neutralization Assay The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (40% glycerol)
Storage Instruction	Store at 4°C is stable for 6 months from the date of shipment. For long term storage, store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	Result Data Pseudoviral particle (PP) infection assay challenged by SARS-CoV-2 Variant B.1.351 S recombinant monoclonal antibody (Cat # RAB01067). HEK293-ACE2 cells infected with SARS-CoV-2 pseudoviral particles under various amounts of SARS-CoV-2 Variant B.1.351 S recombinant monoclonal antibody (Cat # RAB01067), with IC50 of 42.8 ng/mL (SARS-CoV-2 Pseudoviral Particles, D614G) and 45 ng/mL (SARS-CoV-2 Pseudoviral Particles, South Africa Variant).

Applications

- Enzyme-linked Immunoabsorbent Assay

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- Neutralization