

Anti-SARS-CoV-2-Spike RBD antibody [SMM5133] (STJ11106956)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/DB/IF/ICC/ELISA
Host / Source	Mouse
Reactivity	SARS-CoV-2

PRODUCT PROPERTIES

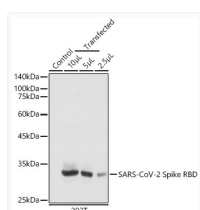
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 DB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG2bk
Molecular Weight	30kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

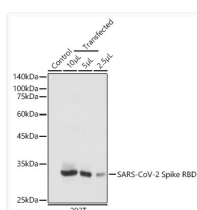
Specificity	Recombinant fusion protein of SARS-CoV-2 CoV spike RBD.
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ADDITIONAL INFORMATION

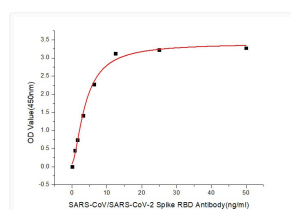
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with SARS-CoV-2 Spike RBD using SARS-CoV-2 Spike RBD Mouse mAb (STJ11106956) at 1:500 dilution. Secondary antibody:HRP Goat Anti-Mouse IgG (H+L) (STJS000854) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



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Immobilized Recombinant SARS-CoV-2 Spike RBD Protein (STJP001277LQ) at 1 μ g/mL (100 μ L/well) can bind SARS-CoV-2 Spike RBD mAb (STJ11106956) with a linear range of 0.78-50 ng/mL.