

Anti-SARS-CoV-2-Spike RBD antibody (STJ11103175)

STJ11103175

GENERAL INFORMATION

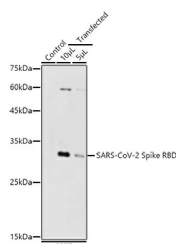
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-SARS-CoV-2-Spike RBD is suitable for use in Western Blot and Immunofluorescence.
Applications	WB, IF
Host/Source	Mouse
Reactivity	SARS-CoV-2

PRODUCT PROPERTIES

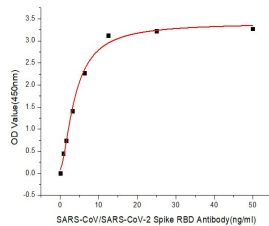
Clonality	Monoclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	ELISA 1:37500-1:150000 WB 1:500-1:2000 IF 1:50-1:200
Formulation	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Storage Instruction	Store in a freezer at -20°C and avoid freeze-thaw cycles.

TARGET INFORMATION

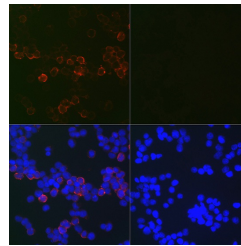
Gene ID	
Gene Symbol	
Uniprot ID	
Immunogen	Recombinant fusion protein of SARS-CoV-2 CoV spike RBD.
Immunogen Region	
Specificity	
Immunogen Sequence	



Western blot analysis of extracts of 293T cells, using SARS-CoV-2 Spike RBD mouse monoclonal antibody (STJ11103175) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic kit. Exposure time: 180s.



Immobilized Recombinant SARS-CoV-2 Spike RBD Protein (RP01278LQ) at 1 µg/mL (100 µg L/well) can bind SARS-CoV-2 Spike RBD monoclonal antibody (STJ11103175) with a linear range of 0.78-50ng/mL.



Immunofluorescence analysis of 293T cells transfected with SARS-CoV-2 Spike RBD protein and untreated 293T cells use SARS-CoV-2 Spike RBD mouse monoclonal antibody (STJ11103175) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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