

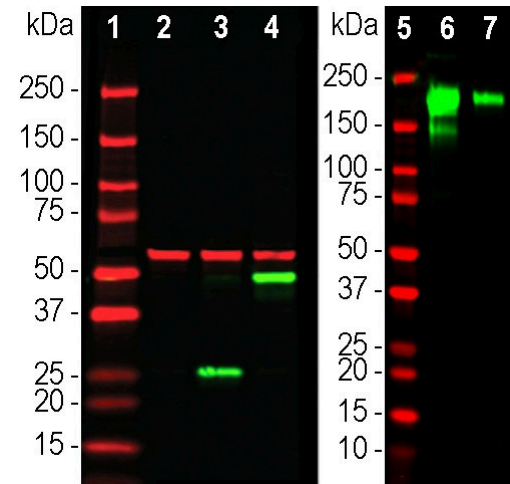
SARS-CoV-2 Spike Protein RBD Monoclonal Antibody (5G8)

Product Details

Size	100 µL
Species Reactivity	Virus
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	5G8
Conjugate	Unconjugated
Immunogen	Recombinant SARS-CoV2 S-Protein ACE2 binding domain expressed in and purified from E. coli
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A/G
Storage buffer	PBS with 50% glycerol
Contains	5mM sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

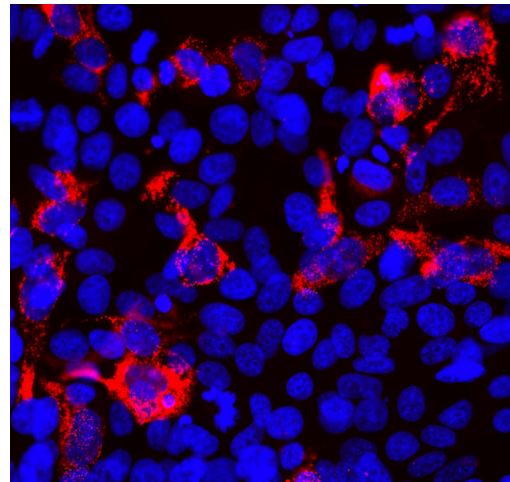
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:3,000	-
Immunohistochemistry (IHC)	Assay-dependent	-
Immunocytochemistry (ICC/IF)	1:1,000	-

Product Images For SARS-CoV-2 Spike Protein RBD Monoclonal Antibody (5G8)



SARS-CoV-2 Spike Protein RBD Antibody (MA5-47449) in WB

Western blot analysis of SARS-CoV-2 Spike Protein RBD in HEK293 cell lysates. Samples were incubated in SARS-CoV-2 Spike Protein RBD monoclonal antibody (Product # MA5-47449) using a dilution of 1:3,000 (green). [1] protein standard, [2] non-transfected cells, [3] cells transfected with pCI-Neo-Mod containing the SARS-CoV2-bd cDNA, and [4] cells transfected with pCI-Neo-GFP vector expression construct containing the SARS-CoV2-bd cDNA. The band at 25 kDa mark in the transfected cells demonstrates expression of SARS-CoV-bd protein, and the band at about 50 kDa corresponds to a GFP-SARS-CoV2-bd fusion protein. The same blot was simultaneously probed with rabbit pAb to HSP60 (Product # PA5-143609) dilution 1:5,000, in red, revealing a single band at 60 kDa in both transfected and non-transfected cells.



SARS-CoV-2 Spike Protein RBD Antibody (MA5-47449) in ICC/IF

Immunofluorescent analysis of SARS-CoV-2 Spike Protein RBD in HEK293 cells. Samples were stained with SARS-CoV-2 Spike Protein RBD monoclonal antibody (Product # MA5-47449) using a dilution of 1:1,000 (red). Cells transfected with pCI-Neo-Mod vector including SARS-CoV2-bd cDNA. The blue is Hoechst staining of nuclear DNA. The SARS-CoV-2 Spike Protein RBD antibody reveals expression of SARS-CoV2-bd protein only in transfected cells. DAPI reveals the nuclear DNA of both transfected and non-transfected cells.

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