

HCoV-OC43 Spike Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 68086-MM11

GENERAL INFORMATION	
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant CoV spike S1+S2 ECD protein. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	11
Specificity:	Recognize the Spike of HCoV-OC43 in ELISA. Don't recognize the Spike of SARS-CoV-2, SARS-CoV, MERS-CoV, HCoV-NL63, HCoV-229E, HCoV-HKU1 (isolate N5). Has cross-reactivity in ELISA with HCoV-OC43 Spike S1+S2 ECD-His (Cat# 40607-V08B) No cross-reactivity in ELISA and WB with SARS-CoV-2 Spike S1-His (Cat# 40591-V08H) SARS-CoV-2 Spike S1 NTD-Fc & AVI (Cat# 40591-V41H) SARS-CoV-2 Spike S1 NTD-His & AVI (Cat# 40591-V49H) SARS-CoV-2 Spike RBD-His (Cat# 40592-V08B) SARS-CoV-2 Spike S1+S2 ECD-His (Cat# 40589-V08B1) SARS-CoV-2 Spike S2 ECD-His (Cat# 40590-V08B) SARS-CoV Spike S1+S2 ECD-His (Cat# 40634-V08B) MERS-CoV Spike S1+S2 ECD-His (Cat# 40069-V08B) HCoV-229E Spike S1+S2 ECD-His (Cat# 40605-V08B) HCoV-HKU1 (isolate N5) Spike S1+S2 ECD-His (Cat# 40606-V08B) HCoV-NL63 Spike S1+S2 ECD-His (Cat# 40604-V08B) No cross-reactivity in WB with HCoV-OC43 Spike S1+S2 ECD-His (Cat# 40607-V08B)
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	Spike
APPLICATIONS	
Applications:	ELISA (Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.)
RECOMMENDED CONCENTRATION	
ELISA	ELISA: 1:1000-1:2000

Please Note: Optimal concentrations/dilutions should be determined by the end user.