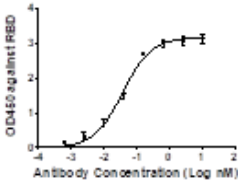


Product Specification Sheet

Product Name	SARS-CoV-2 Monoclonal Antibody, S-Ab401.1
Description	The S-Ab401.1 mAb is a recombinant human IgG1 monoclonal antibody against the Receptor binding domain (RBD) of the Spike (S) protein of SARS-CoV-2. It can potentially block RBD binding ACE2 receptor and neutralize SARS-CoV-2 pseudovirus. It was produced by transfection of 293F cells and purification with Protein A chromatography.
Catalogue No.	COV2S41/COV2S42/COV2S43
Size	50 µL/ 100 µL/ 1 mL
Concentration	1 mg/mL
Formulation	1xDPBS, pH 7.4, without additive
Host	Human
Clone Number	S-Ab401.1
Class	Recombinant Monoclonal
Isotype	IgG1/kappa
Purity	>95%. The antibody was purified from serum-free 293F culture supernatant by Protein A affinity-chromatography
Validated Applications	ELISA, IF, LFA
Immunogen	N/A
Species Cross-reactivity	N/A
Shipping Condition	Blue Ice
Storage and Stability	-20 °C or 4 °C. Stable for 1 year at -20 °C.
Quality Control	 <p>A D7324 Tag specific mouse mAb 1E2 was used to coat plate for capturing D7324-tagged RBD protein of SARS-CoV-2, then serial diluted dose of S-Ab401.1 mAb was tested for binding.</p>
Restricted Use	For Research Use Only. Not for use in diagnostic or therapeutic procedures.





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