

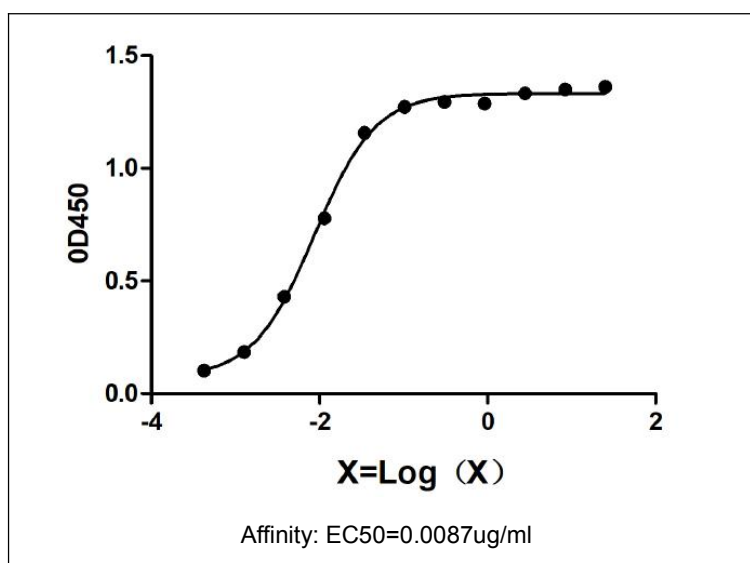


Anti-Protein S (SARS-CoV-2)

E28F03082-1P

Catalog Number:	E28F03082-1P
Product Name:	Anti-Protein S (SARS-CoV-2)
Purity:	Electrophoretic purity > 95%
Specificity/Sensitivity:	Region S1
Antibody Type:	Humanized Fc antibody
Applications:	ELISA, colloidal gold, chemiluminescence, immunoenrichment, etc. ELISA:1:5000-100000, Western Blot 1 : 1000-10000. Suggested ELISA antigen coating concentration 0.5µg/ml.
Affinity:	EC50=0.0087 ug/ml, Kd value≈60 pMol
Buffer:	Tris glycine, pH7.4
Storage/Stability:	Store at -20℃ for 12 months to avoid repeated freeze-thaw.

introduction: Coronavirus is a class of viruses with membranous capsule, whose genome is linear single-stranded RNA virus, which is divided into α , β , γ , δ four genera. The novel coronavirus belongs to the genus coronavirus. Coronavirus contains at least four structures: Spike Protein, Envelope Protein, Membrane Protein and N Nucleocapsid Protein. The S protein is located on the envelope surface of the virus and can bind to the host cell surface receptor Ace2. The spatial structure of S protein can be divided into two parts, S1 and S2 parts. S1 contains the receptor binding region (RBD). This product is a humanized monoclonal antibody specific for the identification of novel coronavirus acanthosis protein, expressed in 293 cell system. Antibody activity was verified by Elisa with recombinant S-ECD and S-RBD proteins, which were suitable for detection of novel coronavirus.



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