OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA355154

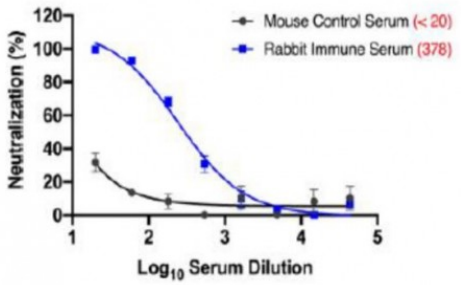
SARS-CoV-2 Spike S1 Protein Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, Neutralize
Recommended Dilution:	Indirect ELISA 0.5-1 µg/ml as detecting antibody, Sandwich ELISA 0.25-1 µg/ml as coating antibody with Anti-SARS-CoV-2 Spike S1 antibody, clone 4C6 (Cat.No. TA355155), Virus Neutralizing Assay (titer at 20 µg/ml)
Reactivity:	SARS-CoV-2
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	CHO-expressed full length S1 with human IgG Fc fusion
Formulation:	0.01 M Tris-HCl, pH 8.0, 0.15 M NaCl, 0.02% sodium azide
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C. Product is stable for 6 weeks at 2 -8°Cas undiluted liquid. Prepare fresh dilutions for every new experiment. Avoid freeze / thaw cycles
Stability:	1 year
Gene Name:	S Protein
Database Link:	Entrez Gene 43740568 SARS-CoV-2
Background:	Coronaviruses (CoV) are a large group of enveloped positive-sense RNA viruses. They belong to subfamily Coronavirinae, in the family of Coronaviridae, of the order of Nidovirales. The Coronavirus genome is about 30 kb in length and encodes four structural proteins, namely, spike (S), envelope (E), membrane (M) and nucleocapsid (N), multiple non-structural proteins and other accessory proteins. Coronaviruses infect humans as well as a number of mammalian and avian species. Of the six Coronaviruses that infect humans, SARS-CoV and MERS-CoV cause severe respiratory disease in humans. Current research is aimed at identifying anti-viral targets and develop drugs and vaccines to inhibit viral replication.

View online »

Product images:



Virus neutralization assay performed using Anti-SARS-CoV-2 Spike S1 antibody. Serial dilutions of Rabbit serum were mixed with virus loading particles of SARS-CoV-2 Spike protein and added to the wells containing HEK293T cells over-expressing ACE2. After incubation, viral infection was visualized under a microscope. Mouse serum was used as negative control in this assay.