

## ARG43738 anti-SARS-CoV-2 Spike ECD antibody [B004]

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Human Monoclonal antibody recognizes SARS-CoV-2 Spike (ECD)
Tested Reactivity	Virus
Tested Application	ELISA, Neut, WB
Host	Human
Clonality	Monoclonal
Clone	B004
Target Name	SARS-CoV-2 Spike (ECD)
Species	Virus
Immunogen	Recombinant fragment of SARS-CoV-2 Spike protein ECD region.
Conjugation	Un-conjugated
Alternate Names	SARS-CoV-2 (COVID-19, 2019-nCoV) Spike Antibody: Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), Surface Glycoprotein, Spike protein

### Application Instructions

Application table	Application	Dilution
	ELISA	1:160000 (ECD protein)
	Neut	Assay-dependent
	WB	1:2000 - 3000

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

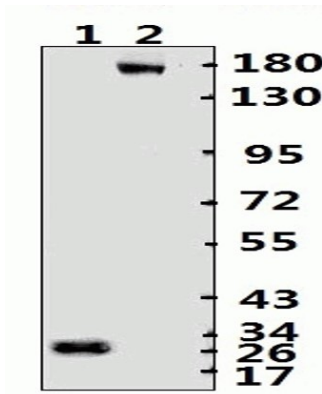
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH7.2), 10% glycerol and 0.02% sodium azide.
Preservative	0.02% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	S
Gene Full Name	SARS-CoV-2 Spike (ECD)
Background	SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2) also known as 2019-nCoV (2019 Novel Coronavirus) is a virus that causes illnesses ranging from the common cold to severe diseases. SARS CoV-2 Spike Protein derived from 2019-nCoV is composed of S1 domain and S2 domain. The S1 contains a receptor-binding domain (RBD) that can specifically bind to angiotensin-converting enzyme 2 (ACE2), the receptor on target cells.
Highlight	Related products: <a href="#">SARS-CoV antibodies</a> ; <a href="#">SARS-CoV ELISA Kits</a> ; <a href="#">SARS-CoV recombinant proteins</a> ; <a href="#">Anti-Rabbit IgG secondary antibodies</a> ; Related news: <a href="#">HMGB1, a biomarker and therapeutic target in COVID-19</a>

## Images



ARG43738 anti-SARS-CoV-2 Spike ECD antibody [B004] WB image

Western blot: 10 µg of SARS-CoV-2 Spike RBD recombinant protein (left) and SARS-CoV-2 Spike recombinant protein (right) stained with ARG43738 anti-SARS-CoV-2 Spike ECD antibody [B004] 1:2000 dilution.