

ARG43740 anti-SARS-CoV-2 Spike ECD antibody [B004] (Biotin)

Package: 100 µg
Store at: -20°C

Summary

Product Description	Biotin-conjugated 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	Biotin
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	detect 2 ng of free peptide at 1 µg/mL
	Neut	Assay-dependent
	WB	1:1000 - 2000
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: SARS-CoV antibodies ; SARS-CoV ELISA Kits ; SARS-CoV recombinant proteins ; Anti-Rabbit IgG secondary antibodies ; Related news: HMGB1, a biomarker and therapeutic target in COVID-19