

Human SARS-COV2-S1 Monoclonal Antibody | anti-SARS-COV2-S1 antibody

Anti SARS-COV2-S1 Monoclonal Antibody, CloneID 002

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76403	Human	Specific for SARS CoV2 S1 and the RBD domain, has not been tested against other viruses.	ELISA

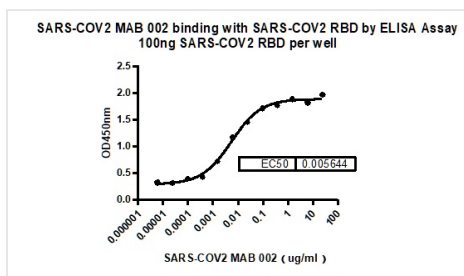
PRODUCT SYNONYMS

SARS-COV2-S1; Monoclonal Antibody; Anti SARS-COV2-S1 Monoclonal Antibody; CloneID 002; RKNCOVS1; anti-SARS-COV2-S1 antibody

PRODUCT SPECIFICATIONS

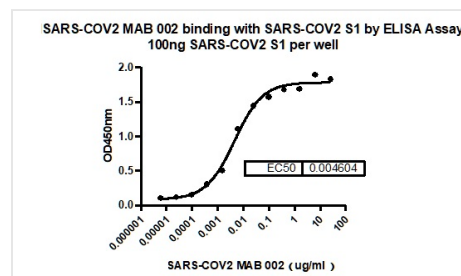
Host	Human
Reactivity	Specific for SARS CoV2 S1 and the RBD domain, has not been tested against other viruses.
Clonality	Monoclonal
Isotype	Human IgG1 Kappa
Clone Number	2
Purity/Purification	The IgG fraction of the tissue culture supernatant was purified by Protein A affinity chromatography.
Form/Format	Lyophilized from sterile filtered solution at a concentration of 1mg/ml in PBS with 5% trehalose.
Applicable Applications for anti-SARS-COV2-S1 antibody	ELISA
Source	The recombinant antibody was produced in HEK293 cells. It is a chimera of a mouse variable chain, obtained from mice immunized with the SARS COV2 RBD protein,fused to human IgG1.
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers
Preparation and Storage	This antibody can be stored in working aliquots at 2 degree -8 degree C for one month, or at-20 degree C for six months without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



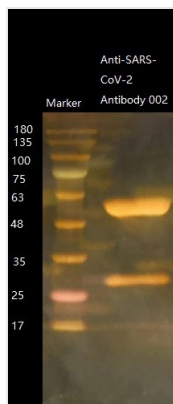
ELISA

SARS COV-2 RBD ELISARecombinant SARS CoV2 RBD-Fc protein at 100ng/well binding Anti S1 Monoclonal, with a calculated EC50 of 0.0056



ELISA

SARS COV-2-S1 ELISARecombinant SARS CoV2 S1-His protein at 100ng/well binding Anti S1 Monoclonal, with a calculated EC50 of 0.0046



SDS-PAGE

Anti SARS COV-2-S1 monoclonal SDS PAGEReduced SDS PAGE of 10ug loaded sample

ADDITIONAL INFORMATION

Product Categories/Family for anti-SARS-COV2-S1 antibody

Viral Antigens; 2019-nCoV; COVID-19 Coronavirus

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/sars-cov2-s1-antibody-clone-2-elisa/76403>