

COVID 19 Spike S1 Coronavirus Recombinant Antibody | COVID-19 recombinant antibody

Anti SARS-CoV2-S1 Monoclonal Antibody, CloneID 001

CATALOG #	REACTIVITY
AAA76121	Specific for SARS CoV2 S1, RBD and COV1 S1. Does not cross react with MERS-S1, or HCoV S1.

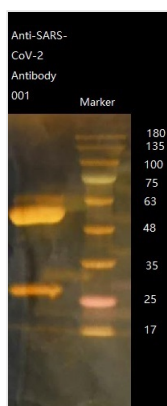
PRODUCT SYNONYMS

COVID 19 Spike S1 Coronavirus; Monoclonal Recombinant Antibody; Anti SARS-CoV2-S1 Monoclonal Antibody; CloneID 001; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Spike protein S1; COVID-19 recombinant antibody

PRODUCT SPECIFICATIONS

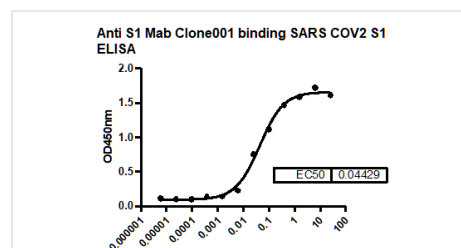
Reactivity	Specific for SARS CoV2 S1, RBD and COV1 S1. Does not cross react with MERS-S1, or HCoV S1.
Clonality	Monoclonal
Isotype	Human IgG1 Kappa
Clone Number	001
Purity/Purification	Protein A chromatography
Form/Format	Lyophilized from sterile solution of pH 7.4.
Source Note	The recombinant antibody 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
Endotoxin	Less than 1EU/ug as determined by LAL method.
Preparation and Storage	Lyophilized -20 degree C for up to 12 months Lyophilized Room Temperature for up to three weeks Reconstituted - 20 degree C for up to 12 months Reconstituted 2-8 degree C for up to 3 weeks * For long term storage we recommend the addition of carrier protein at 0.1%. * Avoid repeated freeze/thaw cycles.

IMAGES



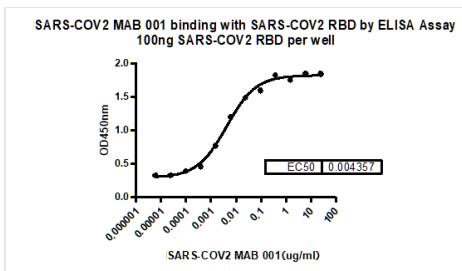
SDS-PAGE

Reduced SDS PAGE of 10ug loaded sample



ELISA

Recombinant SARS CoV2 S1-His protein (cat#) at 100ng/well binding Anti S1 Monoclonal, with a calculated EC50 of 0.0043



ELISA

Recombinant SARS CoV2 RBD-Fc protein (cat #) at 100ng/well binding Anti S1 Monoclonal, with a calculated EC50 of 0.0044

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/covid-19-spike-s1-coronavirus-recombinant-antibody-clone-001-elisa/76121>