Human cells anti-COVID-19 COVID 19 S-IgM Coronavirus Monoclonal Antibody | anti-COVID-19 antibody

Anti-COVID-19 S-IgM Neutralizing Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA264762	**Human cells**	**COVID-19**	**ELISA**

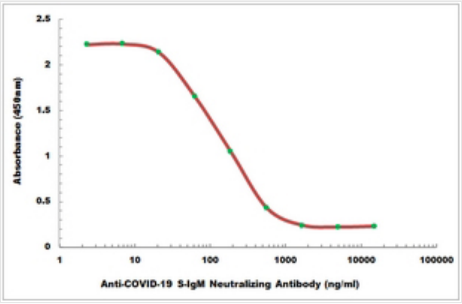
PRODUCT SYNONYMS

COVID 19 S-IgM Coronavirus; Monoclonal Antibody; Anti-COVID-19 S-IgM Neutralizing Antibody; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; S-IgM; Spike glycoprotein; S glycoprotein; E2; Peplomer protein; anti-COVID-19 antibody

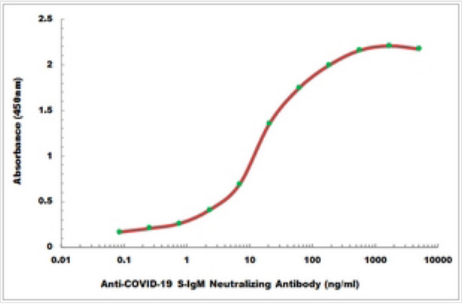
PRODUCT SPECIFICATIONS

Host	Human cells
Reactivity	COVID-19
Clonality	Monoclonal
Isotype	Human IgM
Specificity	Recognizes COVID-19 S Protein, COVID-19 S-RBD Protein and block ACE-2 receptor binding.
Purity/Purification	>95%, cultured in vitro under conditions free from animal derived components.
Form/Format	Liquid in 0.01M Phosphate Buffered Saline, pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-COVID-19 antibody	ELISA
Preparation and Storage	Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



ELISA
Anti-COVID-19 S-IgM Neutralizing Antibody can block Recombinant Human ACE2 Protein and Recombinant COVID-19 S Protein RBD-SD1 interaction, the IC50 for this effect is 83.9 ng/ml.



ELISA
Immobilized Recombinant COVID-19 S Protein RBD-SD1 at 5ug/ml can bind Anti-COVID-19 S-IgM Neutralizing Antibody, the EC50 is less than 18.5 ng/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-COVID-19 antibody	Human monoclonal neutralizing antibody to COVID-19 S protein

NCBI AND UNIPROT INFORMATION

NCBI GeneID	43740568
UniProt Accession #	P0DTC2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/monoclonal/covid-19-s-igm-coronavirus-antibody-elisa/264762