

Mouse COVID 19 Spike RBD Domain Coronavirus Monoclonal Antibody | anti-COVID-19 antibody

Anti-RBD Domain (SARS-CoV-2 Spike) Monoclonal Antibody

CATALOG # AAA13775	HOST Mouse	APPLICATIONS Western Blot, ELISA, Immunofluorescence
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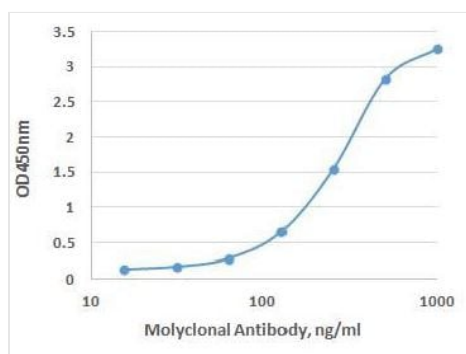
PRODUCT SYNONYMS

COVID 19 Spike RBD Domain Coronavirus; Monoclonal Antibody; Anti-RBD Domain (SARS-CoV-2 Spike) Monoclonal Antibody; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Spike RBD Protein; Receptor Binding Domain; anti-COVID-19 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	Reacts with RBD domain of spike protein from coronavirus SARS-CoV-2. Cross-reaction to RBD domain from other coronavirus not tested.
Purity/Purification	Affinity chromatography
Form/Format	1ug/ul in PBS with 40% glycerol
Concentration	1 ug/ul (varies by lot)
Applicable Applications for anti-COVID-19 antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Immunogen	The extracellular domain from SARS-CoV-2 virus spike S1 protein.
Preparation and Storage	Store at -20°C; Stable for 6-months from the date of shipment when kept at 4°C. Non-hazardous.

IMAGES



Application Data

Figure 1. Titration curves of anti-spike RBD domain of SARS-CoV-2 mouse monoclonal antibody. 96-well corning ELISA plate was coated with SARS-CoV-2 spike RBD protein at a concentration of 2 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-COVID-19 antibody	The novel coronavirus (SARS-CoV-2), previously called 2019-nCoV, is a newly identified coronavirus causing the ongoing outbreak of atypical pneumonia in Wuhan China from late 2019. The genome of SARS-CoV-2 has 89% nucleotide identity with bat SARS-like-CoVZXC21 and 82% with that of human SARS-CoV. The phylogenetic trees of their orf1a/b, Spike, Envelope, Membrane and Nucleoprotein also clustered closely with those of the bat, civet and human SARS coronaviruses. However, the external subdomain of Spike's receptor binding domain (RBD) of SARS-CoV-2 shares only 40% amino acid identity with other SARS-related coronaviruses.
Product Categories/Family for anti-COVID-19 antibody	Infectious Disease Research ; Monoclonal Antibodies ; Anti-RBD Domain (SARS-CoV-2 Spike) Monoclonal Antibody

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-rbd-domain-coronavirus-antibody-western-blot-immunofluorescence-elisa/13775>