

Rabbit anti-SARS-CoV-2 COVID 19 Spike RBD (DM54) Coronavirus Monoclonal Antibody | anti-COVID-19 antibody

Anti-SARS-CoV-2 RBD antibody (DM54), Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47293	Rabbit	SARS-CoV-2	Flow Cytometry, Functional Assay, ELISA

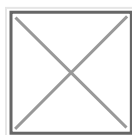
PRODUCT SYNONYMS

COVID 19 Spike RBD (DM54) Coronavirus; Monoclonal Antibody; Anti-SARS-CoV-2 RBD antibody (DM54); Rabbit mAb; 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 (DM54); anti-COVID-19 antibody

PRODUCT SPECIFICATIONS

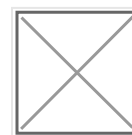
Host	Rabbit
Reactivity	SARS-CoV-2
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	DM54
Purity/Purification	Purified from cell culture supernatant by affinity chromatography
Form/Format	Liquid. 50% Glycerol; PBS, pH7.4; 0.1% BSA; 0.1% Procline 300
Applicable Applications for anti-COVID-19 antibody	FCM/FACS (Flow Cytometry), ELISA
Immunogen	Recombinant SARS-CoV-2 (2019-nCoV) S protein RBD (Arg 319-Phe541) produced by using human HEK293 cells
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -20 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES



FCM/FACS (Flow Cytometry)

Figure 1. Elisa plate pre-coated by 2 ug/ml (100ul/well) SARS-CoV-2 RBD protein can bind Rabbit Anti-SARS-CoV-2 RBD monoclonal antibody (clone:DM54) in a linear range of 0.1-100 ng/ml.



ELISA

Figure 1. Elisa plate pre-coated by 2 ug/ml (100ul/well) SARS-CoV-2 RBD protein can bind Rabbit Anti-SARS-CoV-2 RBD monoclonal antibody (clone:DM54) in a linear range of 0.1-100 ng/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-COVID-19 antibody

SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2) also known as Covid19 (2019 Novel Coronavirus) is a virus that causes illnesses ranging from the common cold to severe diseases. The spike protein is a type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which accounts for recognizing the cell surface receptor, ACE2. S2 contains basic elements needed for the membrane fusion. Recent publications indicate that S1-RBD domain can induce virus neutralizing-antibody and T cell response.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	43740568
UniProt Accession #	P0DTC2
Molecular Weight	141kDa

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-dm54-coronavirus-antibody-clone-dm54-flow-cytometry-elisa/47293>