

Mouse SARS-CoV-2 Spike RBD Monoclonal Antibody | anti-SpikeRBD antibody

SARS-CoV-2 Spike RBD Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283027	Mouse	SARS-COV-2	ELISA, Immunocytochemistry, Immunofluorescence, Dot Blot, Western Blot

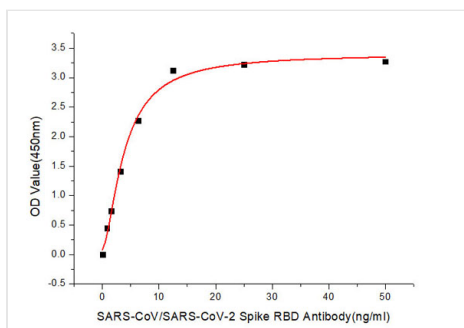
PRODUCT SYNONYMS

SARS-CoV-2 Spike RBD; Monoclonal Antibody; SARS-CoV-2 Spike RBD Mouse mAb; spike glycoprotein; anti-SpikeRBD antibody

PRODUCT SPECIFICATIONS

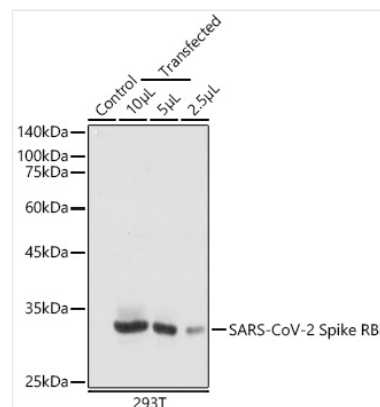
Host	Mouse
Reactivity	SARS-COV-2
Clonality	Monoclonal
Isotype	IgG2b, kappa
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Applicable Applications for anti-SpikeRBD antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), DB (Dot Blot), WB (Western Blot)
Immunogen	Recombinant fusion protein of SARS-CoV-2 CoV spike RBD.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



Application Data

Immobilized Recombinant SARS-CoV-2 Spike RBD Protein (RP01278LQ) at 1ug/mL (100uL/well) can bind SARS-CoV-2 Spike RBD mAb (AAA283027) with a linear range of 0.78-50ng/mL.



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and 293T cells transfected with SARS-CoV-2 Spike RBD using SARS-CoV-2 Spike RBD Mouse mAb (AAA283027) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L)(AS003) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-SpikeRBD antibody	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is an enveloped, positive-sense, single-stranded RNA virus that causes coronavirus disease 2019 (COVID-19). Virus particles include the RNA genetic material and structural proteins needed for invasion of host cells. Once inside the cell the infecting RNA is used to encode structural proteins that make up virus particles, nonstructural proteins that direct virus assembly, transcription, replication and host control and accessory proteins whose function has not been determined.~ The structural proteins of SARS-CoV-2 include the envelope protein (E), spike or surface glycoprotein (S), membrane protein (M) and the nucleocapsid protein (N). The spike glycoprotein is found on the outside of the virus particle and gives coronavirus viruses their crown-like appearance. This glycoprotein mediates attachment of the virus particle and entry into the host cell. S protein is an important target for vaccine development, antibody therapies and test antigen-based tests.
Product Categories/Family for anti-SpikeRBD antibody	Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	43740568
Molecular Weight	Observed MW: 30kDa

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://stage.aaabiotech.com/monoclonal/sars-cov-2-spike-rbd-antibody-immunocytochemistry-immunofluorescence-dot-blot-western-blot-elisa/283027>