

Goat COVID 19 Spike RBD Domain Coronavirus Polyclonal Antibody | anti-COVID-19 antibody

anti-Spike RBD Domain (SARS-CoV-2)

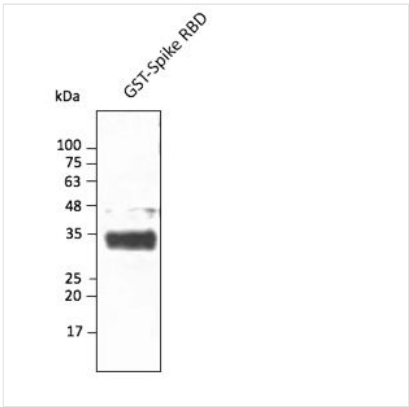
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63195	Goat	Transfected cells, SARS-CoV-2 protein	Western Blot

PRODUCT SYNONYMS

COVID 19 Spike RBD Domain Coronavirus; Polyclonal Antibody; anti-Spike RBD Domain (SARS-CoV-2); 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; S glycoprotein SARS Coronavirus-2; Spike RBD Domain SARS Coronavirus-2 antibody; anti-COVID-19 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Transfected cells, SARS-CoV-2 protein
Clonality	Polyclonal
Isotype	IgG
Specificity	In lysates of transfected cells with the plasmid containing the sequence used, detects the fusion protein by Western blot.
Purity/Purification	Epitope affinity purified
Form/Format	?Polyclonal antibody supplied as a 100ul (3mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Concentration	3mg/ml (varies by lot)
Applicable Applications for anti-COVID-19 antibody	WB (Western Blot)
Conjugation	Unconjugated
Immunogen	Affinity purified recombinant fusion protein using the spike protein RBD domain (residues 343 to 400) and produced in E Coli.
Preparation and Storage	Store at -20 C for long-term storage. Store at 2-8 C for up to one month.



Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Transfected cells	+++	ND	ND	ND	ND

Reactivity Data

Application Data

Anti-Spike Ab at 1/2,500 dilution; lane with 30 ng of recombinant fusion protein; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

ADDITIONAL INFORMATION

Related Product Information for anti-COVID-19 antibody

The spike or S glycoprotein is a transmembrane protein with a molecular weight of about 150kDa found in the outer portion of the SARS-CoV-2 virus. This protein is composed of two subunits, S1 and S2 and plays a key role in the receptor recognition and cell membrane fusion process. The S1 subunit contains a receptor-binding domain that recognizes and binds to the host receptor angiotensin-converting enzyme 2, while the S2 subunit mediates viral cell membrane fusion.

Product Categories/Family for anti-COVID-19 antibody

Primary

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.