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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB13099 - Goat Anti-SARS CoV2-Spike protein S1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)
isolate Wuhan-Hu-1

Official Symbol: SARS-CoV-2

Accession Number(s): NC_045512.2; MN908947

Important Comments: 0.2mg in 0.5mg/ml

Immunogen

Peptide with sequence C-14 aa long, S1 domain of spike protein, from the internal region of the protein sequence according to NC_045512.2; MN908947.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Phosphate buffer saline, PH 7.3, with 0.02% sodium azide as preservative.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx. 130kDa band observed in recombinant SARS-CoV2 spike protein S1 domain. Recommended concentration: 0.5-1µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Viral

Expected from sequence similarity: Human Coronavirus



EB13099 Anti SARS-CoV2 spike protein S1 domain staining of recombinant S1 protein (1 µg/ml). Detected by chemiluminescence.