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Research Use Only. Not for diagnostic or therapeutic use.

EB13100 - Goat Anti-SARS CoV2 Spike protein-RBD 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-10 aa long, RBD of spike protein, from the internal region of the protein sequence according to NC_045512.2; MN908947.

Please note the peptide is available for sale.

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

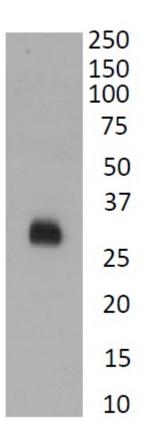
Peptide ELISA: antibody detection limit dilution 1:2000.

Western blot: Approx. 30 kDa band observed in recombinant RBD protein. Recommended concentration: 1µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Viral

Expected from sequence similarity: Human Coronavirus



EB13100 Anti SARS-CoV2 RBD staining of recombinant RBD protein (1 μ g/ml). Detected by chemiluminescence