

#### **International Office**

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# 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**

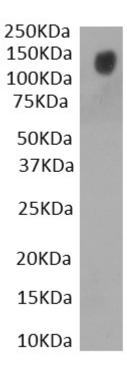
Peptide ELISA: antibody detection limit dilution 1:32000.

**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  $\mu$ g/ml). Detected by chemiluminescence.