

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre

77 Heyford Park Upper Heyford Oxfordshire OX25 5HD

Enquiries:

info@everestbiotech.com

Sales:

UK

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106

Ramona, CA 92065 USA

Inquiries:

info@everestbiotech.com

Sales:

 $\underline{usasales@everest biotech.com}$

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

www.everestbiotech.com

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

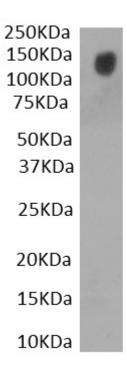
Peptide ELISA: antibody detection limit dilution 1:32000.

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 μ g/ml). Detected by chemiluminescence.