

## Product Datasheet

### Goat anti-SARS CoV2-Spike protein S1 antibody #SB-40-3024

<b>Immunogen</b>	a 14-aa long internal peptide from the S1 domain of spike protein
<b>Quantity</b>	0.2mg in 0.5mg/ml
<b>Purification</b>	Ammonium sulphate precipitation of serum followed by antigen affinity purification
<b>Buffer</b>	Phosphate buffer saline, PH 7.2, with 0.02% sodium azide as preservative
<b>Storage and handling</b>	Store at 4°C for short durations. Store at -20°C for longer periods (> 1 month). Minimize freeze thaw cycles
<b>Applications tested</b>	<b>Peptide ELISA:</b> antibody detection at 1:32000 dilution <b>Western blotting:</b> Approx 110-120 kDa band observed in recombinant SARS-CoV2 spike protein S1 domain. Recommended concentration: 0.5-1µg/ml
<b>Application notes</b>	Please optimize dilutions for your particular assay conditions. Starting test dilution: 1 µg/ml for ELISA and WB



*SB-40-3024* anti SARS-CoV2 spike protein S1 domain staining of recombinant S1 protein (1 µg/ml). Primary incubation was 1 hour. Detected by chemiluminescence