

Antibody Datasheet

OVERVIEW AND PROPERTIES

Product Name	PtX™ Alpaca Anti-SARS-CoV-2 Spike Protein S1 (Sb23)
Catalogue Number	CBT_A0005
Expression Host	<i>Nicotiana benthamiana</i> plants
Clonality	Monoclonal, recombinant
Species and Isotype	Alpaca variable regions fused to alpaca IgG2b Fc region.
Tag	Alpaca IgG2b Fc
Reporter Protein	None
Description	This product is a recombinant Alpaca IgG2b antibody specific to SARS-CoV-2 S1 region of the Spike protein. It was produced in <i>Nicotiana benthamiana</i> plants via <i>Agrobacterium tumefaciens</i> -mediated infiltration.
Target Name	S1 region of the SARS-CoV-2 Spike Protein.
Verified Applications	Western blot, ELISA
Concentration	1.0 mg/ml
Form	Liquid
Colour	Clear to light yellow/ brown
Preparation	Ready to use
Storage	Short term (up to one week): 2 – 8 °C Long term: Aliquot and store at – 20 °C Store immediately. Aliquot and avoid multiple freeze thaw cycles.
Storage Buffer	0.1 M Phosphate Buffered Saline, pH 7.4 Preservative: None
Purification Notes	This product was purified using Protein A- affinity chromatography.
Purity	≥ 85 % as determined by SDS-PAGE
General Notes	If for any reason the product does not perform as specified, please contact our scientific support team for assistance by emailing techsupport@capebiologix.com . For Research Use only, unless otherwise indicated.