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## Product Datasheet

### **PtX(TM) Alpaca Anti-SARS-CoV-2 Spike Protein S1 (Sb23) Recombinant Antibody, IgG2b, Clone: [Sb23], Plant, Monoclonal CBX-CBT\_A0005**

|                            |                                                                                                                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | PtX(TM) Alpaca Anti-SARS-CoV-2 Spike Protein S1 (Sb23)<br>Recombinant Antibody, IgG2b, Clone: [Sb23], Plant, Monoclonal                                                                            |
| Biozol Catalog Number      | CBX-CBT_A0005                                                                                                                                                                                      |
| Supplier Catalog Number    | CBT_A0005                                                                                                                                                                                          |
| Alternative Catalog Number | CBX-CBT_A0005-100,CBX-CBT_A0005-20                                                                                                                                                                 |
| Manufacturer               | Cape Biologix Technologies                                                                                                                                                                         |
| Host                       | Plant                                                                                                                                                                                              |
| Category                   | Antikörper                                                                                                                                                                                         |
| Application                | ELISA, WB                                                                                                                                                                                          |
| Species Reactivity         | Camelus                                                                                                                                                                                            |
| Immunogen                  | SARS-CoV-2 Spike protein (S1 Subunit)                                                                                                                                                              |
| Product Description        | Recombinant Alpaca monoclonal antibody against S1 subunit of SARS-CoV-2 Spike protein. This product is produced in Nicotiana benthamiana plants for use in Western blot and ELISA applications.... |
| Clonality                  | Monoclonal                                                                                                                                                                                         |
| Concentration              | 1.0 mg/ml                                                                                                                                                                                          |
| Clone Designation          | [Sb23]                                                                                                                                                                                             |
| Molecular Weight           | 140 kDa +                                                                                                                                                                                          |
| Isotype                    | IgG2b                                                                                                                                                                                              |

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Tag                | Alpaca IgG2b Fc (chimeric fusion)                                  |
| UniProt            | <a href="#">P59594</a>                                             |
| Buffer             | 0.1 M Phosphate Buffered Saline (PBS), pH = 7.4                    |
| Source             | Alpaca                                                             |
| Expression System  | N. Benthamiana                                                     |
| Purity             | >85 % as determined by SDS-PAGE.                                   |
| Form               | Liquid                                                             |
| Target             | SARS-CoV-2 Spike protein (S1 Subunit)                              |
| Antibody Type      | Recombinant Antibody                                               |
| Application Dilute | Optimal dilutions/concentrations should be determined by the user. |
| Application Notes  | Optimal dilutions/concentrations should be determined by the user. |