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## Product Datasheet

### **PtX(TM) Mouse Anti-SARS CoV-2 Nucleocapsid Protein (N12.8) Recombinant Antibody, IgG2a, Unconjugated, Plant, Monoclonal CBX-CBT\_A0008**

|                            |                                                                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | PtX(TM) Mouse Anti-SARS CoV-2 Nucleocapsid Protein (N12.8)<br>Recombinant Antibody, IgG2a, Unconjugated, Plant, Monoclonal                                                                 |
| Biozol Catalog Number      | CBX-CBT_A0008                                                                                                                                                                              |
| Supplier Catalog Number    | CBT_A0008                                                                                                                                                                                  |
| Alternative Catalog Number | CBX-CBT_A0008-100                                                                                                                                                                          |
| Manufacturer               | Cape Biologix Technologies                                                                                                                                                                 |
| Host                       | Plant                                                                                                                                                                                      |
| Category                   | Antikörper                                                                                                                                                                                 |
| Application                | ELISA, WB                                                                                                                                                                                  |
| Species Reactivity         | Mouse                                                                                                                                                                                      |
| Immunogen                  | SARS CoV-2 Nucleocapsid Protein                                                                                                                                                            |
| Conjugation                | Unconjugated                                                                                                                                                                               |
| Product Description        | Recombinant mouse monoclonal antibody against SARS-CoV-2 Nucleocapsid 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          | [N12.8]                                                                                                                                                                                    |
| Molecular Weight           | 140 kDa +                                                                                                                                                                                  |

|                    |                                                                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype            | IgG2a                                                                                                                                                  |
| Sensitivity        | Detected from as low as 12.5 ng for WB. Refer to ELISA dose response graph in Datasheet for ELISA sensitivity.                                         |
| UniProt            | <a href="#">P59595</a>                                                                                                                                 |
| Buffer             | 0.1 M Phosphate Buffered Saline (PBS), pH = 7.4                                                                                                        |
| Source             | Mouse                                                                                                                                                  |
| Expression System  | N. Benthamiana                                                                                                                                         |
| Purity             | 95.13 % as determined by Mass Spectrometry.                                                                                                            |
| Form               | Liquid                                                                                                                                                 |
| Target             | SARS CoV-2 Nucleocapsid Protein                                                                                                                        |
| Antibody Type      | Recombinant Antibody                                                                                                                                   |
| Application Dilute | Suggested dilutions are 1: 1 000-1: 2 000 for WB and 1: 1 000 - 1: 4 000 for ELISA. Optimal dilutions/concentrations should be determined by the user. |
| Application Notes  | Suggested dilutions are 1: 1 000-1: 2 000 for WB and 1: 1 000 - 1: 4 000 for ELISA. Optimal dilutions/concentrations should be determined by the user. |