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## Product Datasheet

### **PtX(TM) Mouse Anti-Programmed cell death protein 1 Recombinant Antibody, IgG2a, Unconjugated, Plant, Monoclonal CBX-CBT\_A0051**

|                            |                                                                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | PtX(TM) Mouse Anti-Programmed cell death protein 1 Recombinant Antibody, IgG2a, Unconjugated, Plant, Monoclonal                                                                            |
| Biozol Catalog Number      | CBX-CBT_A0051                                                                                                                                                                              |
| Supplier Catalog Number    | CBT_A0051                                                                                                                                                                                  |
| Alternative Catalog Number | CBX-CBT_A0051-100                                                                                                                                                                          |
| Manufacturer               | Cape Biologix Technologies                                                                                                                                                                 |
| Host                       | Plant                                                                                                                                                                                      |
| Category                   | Antikörper                                                                                                                                                                                 |
| Application                | ELISA, FC, WB                                                                                                                                                                              |
| Species Reactivity         | Mouse                                                                                                                                                                                      |
| Immunogen                  | PD-1                                                                                                                                                                                       |
| Conjugation                | Unconjugated                                                                                                                                                                               |
| Product Description        | Recombinant mouse monoclonal antibody against Programmed cell death protein 1. This product is produced in Nicotiana benthamiana plants for use in Western blot and ELISA applications.... |
| Clonality                  | Monoclonal                                                                                                                                                                                 |
| Concentration              | 1,0 mg/ml                                                                                                                                                                                  |
| Molecular Weight           | 150 kDA                                                                                                                                                                                    |
| Isotype                    | IgG2a                                                                                                                                                                                      |

|                    |                                                                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sensitivity        | Detected from as low as 50 ng for WB. Refer to ELISA dose response graph in Datasheet for ELISA sensitivity.                                            |
| UniProt            | <a href="#">Q15116</a>                                                                                                                                  |
| Buffer             | 0.1 M Phosphate Buffered Saline (PBS), pH = 7.4                                                                                                         |
| Source             | Mouse                                                                                                                                                   |
| Expression System  | N. Benthamiana                                                                                                                                          |
| Purity             | 95 % as determined by SDS-PAGE                                                                                                                          |
| Form               | Liquid                                                                                                                                                  |
| Target             | PD-1                                                                                                                                                    |
| Application Dilute | Suggested dilutions are 1: 1 000- 1: 2 000 for WB and 1: 1 000- 1: 50 000 for ELISA. Optimal dilutions/concentrations should be determined by the user. |