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## Product Datasheet

### **PtX(TM) Mouse Anti-CD47 (B6H12) (Biotin) Recombinant Antibody, IgG2a, Clone: [B6H12], Plant, Monoclonal CBX-CBT\_A0044[B]**

|                            |                                                                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | PtX(TM) Mouse Anti-CD47 (B6H12) (Biotin) Recombinant Antibody, IgG2a, Clone: [B6H12], Plant, Monoclonal                                                                      |
| Biozol Catalog Number      | CBX-CBT_A0044[B]                                                                                                                                                             |
| Supplier Catalog Number    | CBT_A0044[B]                                                                                                                                                                 |
| Alternative Catalog Number | CBX-CBT_A0044[B]-100                                                                                                                                                         |
| Manufacturer               | Cape Biologix Technologies                                                                                                                                                   |
| Host                       | Plant                                                                                                                                                                        |
| Category                   | Antikörper                                                                                                                                                                   |
| Application                | ELISA, FC, WB                                                                                                                                                                |
| Species Reactivity         | Mouse                                                                                                                                                                        |
| Immunogen                  | Human CD47 (IAP) protein                                                                                                                                                     |
| Conjugation                | Biotin                                                                                                                                                                       |
| Product Description        | Biotinylated recombinant mouse monoclonal antibody against CD47. This product is produced in Nicotiana benthamiana plants for use in ELISA and Western blot applications.... |
| Clonality                  | Monoclonal                                                                                                                                                                   |
| Concentration              | 1,0 mg/ml                                                                                                                                                                    |
| Clone Designation          | [B6H12]                                                                                                                                                                      |
| Molecular Weight           | 150 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="#">Q08722</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             | Human CD47 (IAP) protein                                                                                                                              |
| Application Dilute | Suggested dilutions are 1: 1 000-1: 5 000 for WB and 1: 1 000-1: 10 000 for ELISA. Optimal dilutions/concentrations should be determined by the user. |