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## Product Datasheet

### **Recombinant Synaptophysin (Neuroendocrine Marker) Antibody, IgG2a, Clone: [rSYP/4654], Mouse, Monoclonal NBT-6855-MSM4-P1ABX**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Synaptophysin (Neuroendocrine Marker) Antibody, IgG2a, Clone: [rSYP/4654], Mouse, Monoclonal                                                                                                                                                      |
| Biozol Catalog Number      | NBT-6855-MSM4-P1ABX                                                                                                                                                                                                                                           |
| Supplier Catalog Number    | 6855-MSM4-P1ABX                                                                                                                                                                                                                                               |
| Alternative Catalog Number | NBT-6855-MSM4-P1ABX-100                                                                                                                                                                                                                                       |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant fragment (around aa 224-313) of human Synaptophysin (SYP) protein (exact sequence is proprietary)                                                                                                                                                 |
| Product Description        | This monoclonal antibody recognizes a protein of 38kDa that is identified as synaptophysin. It is an N-glycosylated integral membrane protein found in neurons and endocrine cells. Synaptophysin contains four transmembrane domains and may function as ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [rSYP/4654]                                                                                                                                                                                                                                                   |
| Molecular Weight           | 38kDa                                                                                                                                                                                                                                                         |

|                   |                                                                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype           | IgG2a                                                                                                                                                                                                                                                       |
| NCBI              | <a href="#">6855</a>                                                                                                                                                                                                                                        |
| UniProt           | <a href="#">P08247</a>                                                                                                                                                                                                                                      |
| Form              | 200ug/ml of Ab produced in HEK293 cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                |
| Antibody Type     | Recombinant Monoclonal Antibody                                                                                                                                                                                                                             |
| Application Notes | Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal diluti |