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## Product Datasheet

### **TPO (Thyroid Peroxidase) (Thyroid Marker) Antibody, IgG1, Clone: [TPO/1921], Mouse, Monoclonal NBT-7173-MSM1-P1**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | TPO (Thyroid Peroxidase) (Thyroid Marker) Antibody, IgG1, Clone: [TPO/1921], Mouse, Monoclonal                                                                                                                                                                |
| Biozol Catalog Number      | NBT-7173-MSM1-P1                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | 7173-MSM1-P1                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | NBT-7173-MSM1-P1-100                                                                                                                                                                                                                                          |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant fragment of human TPO (around aa 685-804) (Exact sequence is proprietary)                                                                                                                                                                         |
| Product Description        | Thyroperoxidase (TPO) is a 933 amino acid, type I transmembrane glycoprotein that plays a key role in thyroid gland function and autoimmunity. It is present as a dimer on the apical surface of thyroid follicular cells. TPO functions in the iodination... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [TPO/1921]                                                                                                                                                                                                                                                    |
| Molecular Weight           | 100kDa                                                                                                                                                                                                                                                        |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |

|         |                                                                                                                                                                        |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI    | <a href="#">7173</a>                                                                                                                                                   |
| UniProt | <a href="#">P07202</a>                                                                                                                                                 |
| Form    | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml. |