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## Product Datasheet

### **TPO Antibody / Thyroid Peroxidase, Clone: [TPO/3701], Mouse, Monoclonal NSJ-V8625-20UG**

|                            |   |
|----------------------------|---|
| Article Name               | TPO Antibody / Thyroid Peroxidase, Clone: [TPO/3701], Mouse, Monoclonal   |
| Biozol Catalog Number      | NSJ-V8625-20UG  |
| Supplier Catalog Number    | V8625-20UG  |
| Alternative Catalog Number | NSJ-V8625-20UG  |
| Manufacturer               | NSJ Bioreagents   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | IHC-P   |
| Species Reactivity         | Human   |
| Immunogen                  | A portion of amino acids 685-804 from the human protein was used as the immunogen for the TPO antibody.   |
| 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/3701]  |
| UniProt                    | <a href="#">P07202</a>  |
| Purity                     | Protein G affinity chromatography   |

|                    |  |
|--------------------|--|
| Form               | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide   |
| Antibody Type      | Primary Antibody   |
| Application Dilute | Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT                   |
| Application Notes  | Optimal dilution of the TPO antibody should be determined by the researcher. |