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## Product Datasheet

### **TPO (Thyroid Peroxidase) (Thyroid Marker) Antibody, IgG2b, Clone: [TPO/3701], Mouse, Monoclonal NBT-7173-MSM11-P1ABX**

Article Name	TPO (Thyroid Peroxidase) (Thyroid Marker) Antibody, IgG2b, Clone: [TPO/3701], Mouse, Monoclonal
Biozol Catalog Number	NBT-7173-MSM11-P1ABX
Supplier Catalog Number	7173-MSM11-P1ABX
Alternative Catalog Number	NBT-7173-MSM11-P1ABX-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/3701]
Molecular Weight	100kDa
Isotype	IgG2b

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.
Antibody Type	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 &degC followed by cooling at RT for 20 minutes),Optimal diluti