

Rev.: 2020-11-9

TPO Mouse Monoclonal Antibody Product Datasheet

Catalog# BX50206

Clone# BPM6183

Predicted Molecular Wt: 103kDa

Species Cross-reactivity: Human

Applications: IHC-P

Purity: ProA affinity purified IgG

Form: Liquid

Swissprot ID: P07202

Background:

Thyroid peroxidase (TPO) is a thyroid-specific enzyme involved in thyroid hormone synthesis. TPO can be found in normal thyroid and thyroid carcinoma of papillary and follicular type. Studies indicate that TPO is a useful marker for the differentiation of benign and malignant thyroid neoplasms.

Subcellular location:

Cytoplasm

Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide corresponding to Human TPO protein was used as an immunogen. The exact sequence is proprietary.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

-20°C

Storage instructions:

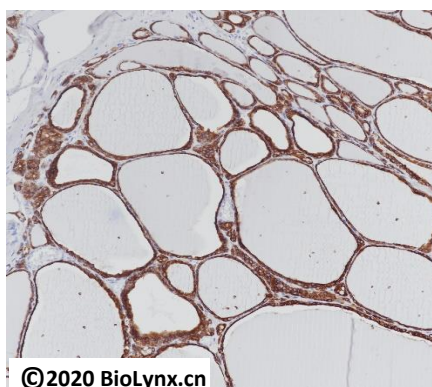
Shipped on blue ice. Upon delivery, aliquot, and store at -20°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

IHC-P: 1:100-1:200

Background References:

1. Savin S, et al. Hum Pathol. 2008; 39:1656-63.
2. Yousaf U, et al. Clin Endocrinol (Oxf). 2005; 68:996-1001.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of thyroid gland labelling TPO with BPM6183. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0

Product QC'd by:



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