

## DATASHEET

# TPO Mouse Monoclonal Antibody(ARB565)

CAT. NO. ARB6857

### KEY FEATURES

Target	TPO	Clonality	Monoclonal
Clone ID	ARB565	Applications	IHC
Source / Host	Mouse	Dilution	1:100-1:200
Reactivity	Human	Storage	at-20°C

### 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.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100 - 1:200
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

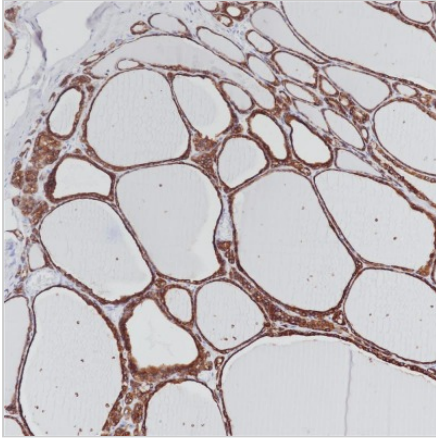
Predicted Molecular Wt	103kDa
Purity	ProA affinity purified IgG
Subcellular location	Cytoplasm
Swissprot ID	P07202
Immunogen	Synthetic peptide corresponding to Human TPO protein was used as an immunogen. The exact sequence is proprietary
Storage Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%
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

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET****TPO Mouse Monoclonal Antibody(ARB565)**

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**DATA**

Immunohistochemical staining of human thyroid gland tissue using TPO Mouse Monoclonal Antibody(ARB565)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com](http://www.arexbio.com)