

**Product Name: Thyroid Peroxidase (18B1) Rabbit Monoclonal Antibody****Catalog #: AMRe18914**

For research use only.

**Summary**

|                      |                                                                                                                                                                                              |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>   | Recombinant rabbit monoclonal antibody                                                                                                                                                       |
| <b>Host</b>          | Rabbit                                                                                                                                                                                       |
| <b>Application</b>   | WB,IHC,IP,IF-P                                                                                                                                                                               |
| <b>Reactivity</b>    | Human                                                                                                                                                                                        |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                 |
| <b>Modification</b>  | Unmodified                                                                                                                                                                                   |
| <b>Isotype</b>       | IgG                                                                                                                                                                                          |
| <b>Clonality</b>     | Monoclonal                                                                                                                                                                                   |
| <b>Form</b>          | Liquid                                                                                                                                                                                       |
| <b>Concentration</b> | 0.42mg/ml. The concentration of this product may be batch-dependent.                                                                                                                         |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.                                                                                                                  |
| <b>Shipping</b>      | Ice bags                                                                                                                                                                                     |
| <b>Buffer</b>        | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |
| <b>Purification</b>  | Affinity purification                                                                                                                                                                        |

**Application**

|                         |                                                                 |
|-------------------------|-----------------------------------------------------------------|
| <b>Dilution Ratio</b>   | WB 1:1000-1:5000,IHC 1:100-1:200,IP 1:10-1:100,IF-P 1:100-1:200 |
| <b>Molecular Weight</b> | 103kDa                                                          |

**Antigen Information**

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| <b>Gene Name</b>         | TPO                                                 |
| <b>Alternative Names</b> | MSA; TDH2A; TPO; TPX;                               |
| <b>Gene ID</b>           | 7173.0                                              |
| <b>SwissProt ID</b>      | P07202                                              |
| <b>Immunogen</b>         | A synthetic peptide of human Thyroid Peroxidase/TPO |

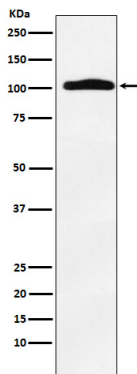
**Background**

Iodination and coupling of the hormonogenic tyrosines in thyroglobulin to yield the thyroid hormones T(3) and T(4). Iodination

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## Research Area

## Image Data



Western blot analysis of Thyroid Peroxidase expression in Human thyroid lysate.