

Datasheet for ABIN7538939
anti-Thyropoxidase antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 1 mL |
| Target: | Thyropoxidase (TPO) |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This Thyropoxidase antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|------------------|---|
| Purpose: | Liquid Mouse Monoclonal Antibody Thyroid Peroxidase |
| Immunogen: | Prokaryotic recombinant protein containing 105 amino acids corresponding to a portion of the N-terminus of the human thyroid peroxidase molecule. |
| Clone: | AC25 |
| Isotype: | IgG1 |
| Specificity: | Human thyroid peroxidase. |
| Characteristics: | This product is intended for the qualitative identification by light microscopy of Thyroid Peroxidase molecules in paraffin sections. |
| Purification: | Tissue culture supernatant |

Target Details

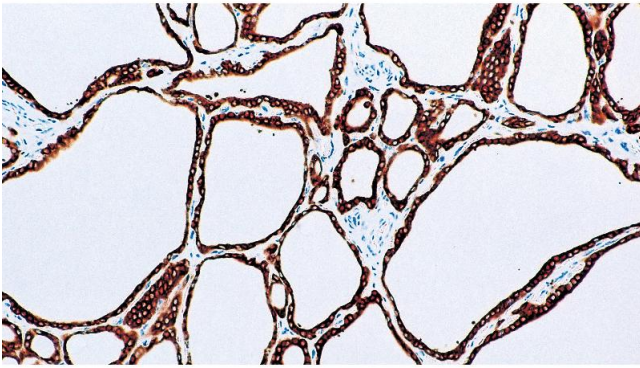
| | |
|-------------------|---|
| Target: | Thyroperoxidase (TPO) |
| Alternative Name: | Thyroid Peroxidase (TPO Products) |
| Pathways: | Thyroid Hormone Synthesis |

Application Details

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|--------------------|--|
| Application Notes: | Immunohistochemical (IHC) staining techniques allow for the visualization of antigens via the sequential application of a specific antibody to the antigen (primary antibody), a secondary antibody to the primary antibody and an enzyme complex with a chromogenic substrate with interposed washing steps. The enzymatic activation of the chromogen results in a visible reaction product at the antigen site. The specimen may then be counterstained and coverslipped. Results are interpreted using a light microscope. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Buffer: | This product is a liquid tissue culture supernatant containing 15 mM sodium azide as a preservative. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C |
| Storage Comment: | Store at 2-8 °C. Do not freeze. Return to 2-8 °C immediately after use. Do not use after expiration date indicated on the vial label. Storage conditions other than those specified above must be verified by the user. |
| Expiry Date: | 12 months |



Immunohistochemistry

Image 1. Thyroid, Graves' disease: immunohistochemical staining for Thyroid Peroxidase. Note intense cytoplasmic staining of thyroid epithelial cells. Thyroid Peroxidase: clone AC25