

TPO Recombinant Rabbit Monoclonal Antibody

Cat: HKZ150189
Company: HaoKebio

Uniprot ID: P07202

Organism: Rabbit

Species reactivity: Human

Predicted Molecular Weight: 103 kDa

Applications: IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA: 1:500-1:1000

Background:

Thyroid peroxidase (TPO), expressed at the apical surface of thyroid cells, is a key enzyme involved in thyroid hormone synthesis. TPO is expressed in normal thyroid tissue, thyroid follicles, and follicular carcinomas, and is commonly used as a marker to differentiate between benign and malignant thyroid tumors.

Protein full name:

Thyroid peroxidase

Synonyms:

TPO

Immunogen:

A synthetic peptide corresponding to amino acid residues 833–933 of TPO was used as the immunogen.

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

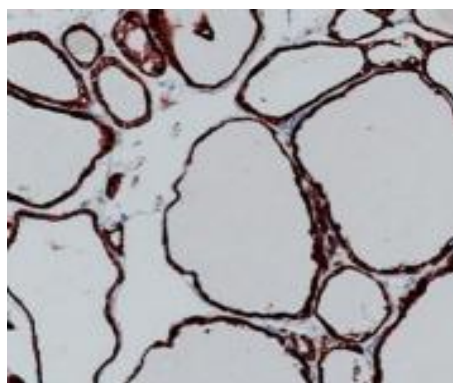
59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C – 25 °C) for 30 minutes.

Images:


Immunohistochemical results of TPO-labeled thyroid tissue (formalin-fixed, paraffin-embedded sections) using HKZ150189. Tris-EDTA buffer (pH 9.0) was used for antigen retrieval.

Source of Reagents:

1. De Micco C et al. Eur J Endocrinol 1994;131:474-9.
2. De Micco C et al. Thyroid 2000;10:109-15.

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发表[中文论文]请标注:TPO (HKZ150189) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:TPO (HKZ150189) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

