

Thyroglobulin Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150185
Company: HaoKebio

Uniprot ID:P01266

Organism:Rabbit

Species reactivity:Human

Predicted Molecular Weight:305 kDa

Applications: IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

Background:

Thyroglobulin(TG) is a thyroid-specific dimeric glycoprotein belonging to the type B carboxylesterase family. It serves as the precursor for thyroid hormones T3 and T4. Alterations in TG are often associated with type 3 autoimmune thyroid diseases. Defects in TG synthesis typically lead to congenital hypothyroidism. The absence of thyroglobulin in the thyroid and increased iodinated albumin concentration ultimately result in impaired synthesis of T3 and T4. Thyroglobulin is expressed in normal thyroid tissue and differentiated thyroid cancer cells. This marker is commonly used to identify tumors of thyroid origin.

Protein full name:

Thyroglobulin

Synonyms:

TG

Immunogen:

Synthetic peptide corresponding to amino acid residues 350-450 of Thyroglobulin.

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

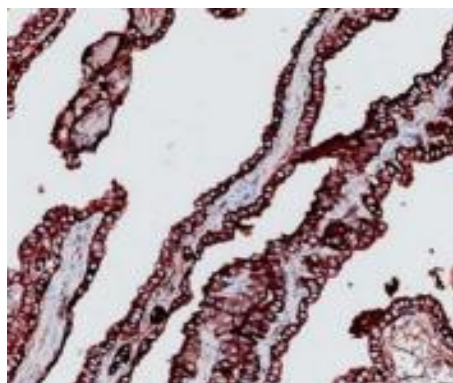
59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

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 Thyroglobulin-labeled thyroid carcinoma tissue (formalin-fixed, paraffin-embedded sections) using HKZ150185. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

Source of Reagents:

1. Abrosimov A et al. Arkh Patol. 1996 Jul;58(4):43-8.
2. Pastolero GC et al. Am J Surg Pathol. 1996 Feb;20(2):245-50.

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发表[中文论文]请标注: Thyroglobulin (HKZ150185) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: Thyroglobulin (HKZ150185) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

