

Thyroglobulin Recombinant antibody

Cat:B32056R
Company: Haokebio

Uniprot ID:P01266

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

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

Protein full name:

thyroglobulin

Synonyms:

TG

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

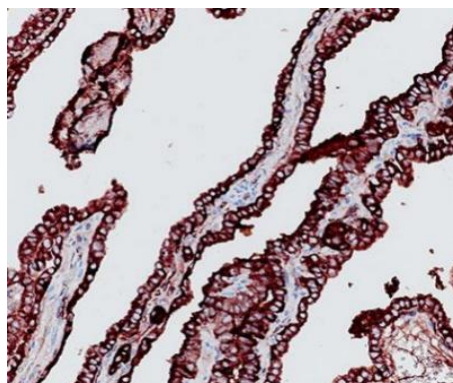
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:


Sample: Human thyroid cancer tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Thyroglobulin(B32056R)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(B32056R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.