

Datasheet for ABIN94483
anti-Thyroglobulin antibody

1 Publication

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Overview

Quantity:	0.1 mg
Target:	Thyroglobulin (TG)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Thyroglobulin antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	thyroid follicular cells
Clone:	2H11
Isotype:	IgG1
Specificity:	The antibody 2H11 recognizes thyroglobulin (TG), a 610 kDa extracellular secreted glycoprotein specific to the thyroid gland. TG is mainly expressed on thyroid follicular cells (99,1 %).
Cross-Reactivity (Details):	Human
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

Target:	Thyroglobulin (TG)
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Target Details

Alternative Name:	Thyroglobulin (TG Products)
Background:	Thyroglobulin,Thyroid disorders are often associated with autoimmune diseases and thyroid cancer.,TG, TGN, AITD3
Gene ID:	7038
UniProt:	P01266
Pathways:	Thyroid Hormone Synthesis

Application Details

Application Notes:	Immunohistochemistry (paraffin sections): Recommended dilution: 1:80 - 1:100, pretreatment: heat retrieval in 0.01M citrate buffer, pH 6 (microwave oven), positive tissue: thyroid gland, follicular adenoma.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Do not freeze.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

Publications

Product cited in:	Magro, Perissinotto, Schiappacassi, Goletz, Otto, Müller, Bisceglia, Brown, Ellis, Grasso, Colombatti, Perris: "Proteomic and postproteomic characterization of keratan sulfate-glycanated isoforms of thyroglobulin and transferrin uniquely elaborated by papillary thyroid carcinomas." in: The American journal of pathology , Vol. 163, Issue 1, pp. 183-96, (2003) (PubMed).
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