



Anti-TG monoclonal antibody, clone T8F0 (CABT-BL3558)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Antibody detects endogenous levels of total hTg.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	N/A
Clone	T8F0
Purification	Human Thyroid Cell Culture
Conjugate	Unconjugated
Applications	WB, ELISA
Buffer	Protein A.
Preservative	None
Storage	-20°C, Avoid freeze / thaw cycles

BACKGROUND

Introduction	Thyroglobulin (Tg) is a glycoprotein homodimer produced predominantly by the thyroid gland. It acts as a substrate for the synthesis of thyroxine and triiodothyronine as well as the storage of the inactive forms of thyroid hormone and iodine. Thyroglobulin is secreted from the endoplasmic reticulum to its site of iodination, and subsequent thyroxine biosynthesis, in the follicular lumen. Mutations in this gene cause thyroid dysmorphogenesis, manifested as goiter,
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and are associated with moderate to severe congenital hypothyroidism. Polymorphisms in this gene are associated with susceptibility to autoimmune thyroid diseases (AITD) such as Graves disease and Hashimoto thyroiditis. [provided by RefSeq, Nov 2009]

GENE INFORMATION

Entrez Gene ID	7038
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Protein Refseq	NP_003226
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UniProt ID	P01266
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