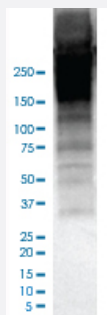


TG monoclonal antibody, clone CL0164

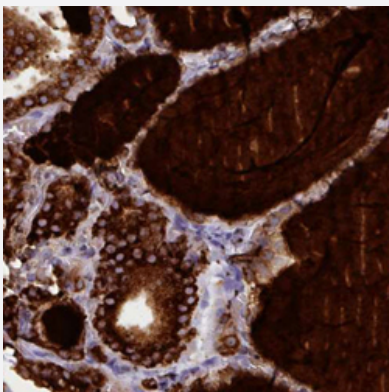
Catalog # MAB15546 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot analysis of human thyroid tissue lysate with TG monoclonal antibody, clone CL0164 (Cat # MAB15546).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human thyroid gland with TG monoclonal antibody, clone CL0164 (Cat # MAB15546) shows strong cytoplasmic positivity.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human TG.
Immunogen	Recombinant protein corresponding to human TG.
Epitope	This antibody binds to an epitope located within the peptide sequence HDIERALVGKDLLGR as determined by overlapping synthetic peptides.
Sequence	KMCSADYADLLQTFQVFILDEL TARGFCQIQVKTFGLVSIPVCNNSSVQVGCLTRERLGVNVTWK SRLEDIPVASLPDLHDIERALVGKDLLGRFTDLIQSGSFQLHLDSKTFPAETIRFLQGDHFGTSPRT WFGCSEGFYQVLTSEASQDGLGCVKCPEGS

Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG2b
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1:1000) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western Blot analysis of human thyroid tissue lysate with TG monoclonal antibody, clone CL0164 (Cat # MAB15546).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human thyroid gland with TG monoclonal antibody, clone CL0164 (Cat # MAB15546) shows strong cytoplasmic positivity.

Gene Info — TG

Entrez GeneID	7038
Protein Accession#	P01266
Gene Name	TG
Gene Alias	AITD3, TGN
Gene Description	thyroglobulin
Omim ID	188450 608175
Gene Ontology	Hyperlink

Other Designations

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Pathway

- [Autoimmune thyroid disease](#)

Disease

- [Autoimmune Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Hashimoto Disease](#)
- [Hypothyroidism](#)
- [Primary Ovarian Insufficiency](#)
- [Recurrence](#)
- [Thyroid Diseases](#)
- [Thyroid Neoplasms](#)
- [Thyroiditis](#)
- [Tobacco Use Disorder](#)