

Product datasheet for **UM800160CF**

Thyroglobulin (TG) Mouse Monoclonal Antibody [Clone ID: UMAB270]

Product data:

Product Type:	Primary Antibodies
Clone Name:	UMAB270
Applications:	IHC
Recommended Dilution:	IHC 1:200
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 20-358 of human TG (NP_003226) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	thyroglobulin
Database Link:	NP_003226 Entrez Gene 7038 Human P01266
Background:	Precursor of the iodinated thyroid hormones thyroxine (T4) and triiodothyronine (T3). [UniProtKB/Swiss-Prot Function]
Synonyms:	AITD3; TGN

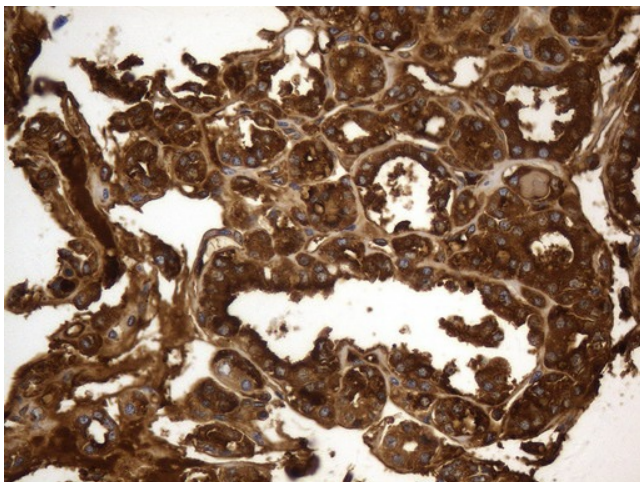


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Protein Families: Druggable Genome

Protein Pathways: Autoimmune thyroid disease

Product images:



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-TG mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800160]) (1:200)