

Product datasheet for **UM800159CF**

Thyroglobulin (TG) Mouse Monoclonal Antibody [Clone ID: UMAB269]

Product data:

| | |
|------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | UMAB269 |
| 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 |

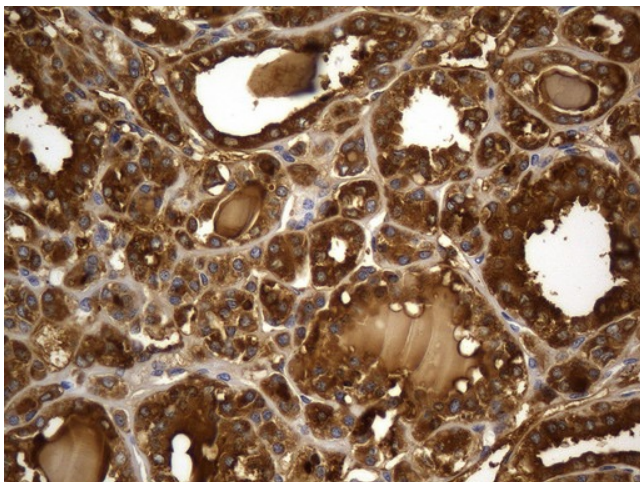


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Protein Families: Druggable Genome

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, [UM800159]) (1:200)