

Human Thyroglobulin
Thyroglobulin, TGN, AITD3, TG
Catalog # PBV11502r**Specification**

Human Thyroglobulin - Product info

Primary Accession [P01266](#)
Calculated MW **331 kDa KDa**

Human Thyroglobulin - Additional Info

Gene ID **7038**
Other Names
Thyroglobulin, TGN, AITD3, TG

Gene Source **Human**
Source **N/A**
Assay&Purity **SDS-PAGE;> 95%**
Recombinant **No**
Target/Specificity
TG

Format
Liquid

Storage
-20°C;N/A

Human Thyroglobulin - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human Thyroglobulin - Images**Human Thyroglobulin - Background**

Thyroglobulin (TG) represents one of the main autoantigenic targets in autoimmune thyroid disease of humans. TG is a large globular dimeric glycoprotein with a total molecular weight of 660 kDa, which occupies a key precursor role in the biosynthesis of the thyroid hormones. Approximately 75% of the total protein content of the thyroid follicle consists of TG. The thyroid

gland uses the Thyroglobulin in order to produce the thyroid hormones thyroxine (T4) and triiodothyronine (T3). Thyroglobulin is produced by the thyroid epithelial cells (thyrocytes) which form spherical follicles. Thyroglobulin is subsequently secreted and stored in the follicular lumen.