A26348

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Thyroglobulin (9D12) Mouse mAb

Catalog No.: A26348 1 Publications

Basic Information

Observed MW
Refer to figures

Calculated MW
305kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
ELISA

Cross-Reactivity
Human

Background

Thyroglobulin (Tg) is a glycoprotein homodimer produced predominantly by the thryroid 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 dyshormonogenesis, manifested as goiter, 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 thryoiditis.

Recommended Dilutions

ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
7038

Swiss Prot
P01266

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
TGN; AITD3

Contact

www.abclonal.com

Product Information

Source
Mouse

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃