

Mouse anti-Human Thyroglobulin Monoclonal Antibody | anti-TG antibody

Thyroglobulin antibody

CATALOG # AAA74394	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Thyroglobulin; Monoclonal Antibody; Thyroglobulin antibody; Monoclonal Thyroglobulin; Anti-Thyroglobulin; hTg; Tg; Anti Thyroglobulin; anti-TG antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	M370107
Specificity	Specific for human thyroglobulin. Cross-reacts with bovine thyroglobulin.
Purity/Purification	Protein A purified
Form/Format	Liquid in PBS buffer pH 7.4 with 0.09% NaN ₃
Concentration	5.5 mg/ml by Spectrophotometry at A280 using extinction coefficient 1.4 (varies by lot)
Sequence Length	2767
Applicable Applications for anti-TG antibody	ELISA
Biological Significance	Thyroglobulin (Tg) is a 660 kDa, dimeric protein produced by and used entirely within the thyroid gland. Tg is used by the thyroid gland to produce the thyroid hormones thyroxine (T4) and triiodothyronine (T3). It is presumed that Tg and the thyroid are important for the storage of iodine.
Cross-Reactivity	Bovine
Immunogen	Thyroglobulin from human thyroid gland.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Additional Remarks	Suggested use as the solid phase in a two-site ELISA.
Preparation and Storage	Store at +2 degrees C to +8 degrees C.

ADDITIONAL INFORMATION

Related Product Information for anti-TG antibody	Mouse monoclonal Thyroglobulin antibody
Product Categories/Family for anti-TG antibody	Hormones & Steroids

NCBI AND UNIPROT INFORMATION

NCBI GI #	37174
NCBI GeneID	7038
UniProt Accession #	P01266; O15274; O43899; Q15593; Q15948; Q9NYR1; Q9NYR2; Q9UMZ0; Q9UNY3
Molecular Weight	298,383 Da
NCBI Official Full Name	thyroglobulin
NCBI Official Synonym Full Names	thyroglobulin
NCBI Official Symbol	TG
NCBI Official Synonym Symbols	TGN; AITD3
NCBI Protein Information	thyroglobulin
UniProt Protein Name	Thyroglobulin
UniProt Gene Name	TG
UniProt Synonym Gene Names	Tg
UniProt Entry Name	THYG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/thyroglobulin-antibody-clone-m370107-elisa/74394>