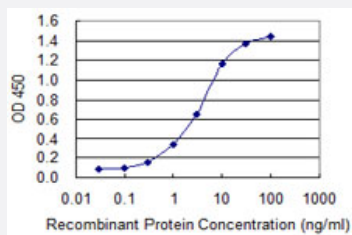


TG monoclonal antibody (M01), clone 1G3

Catalog # H00007038-M01

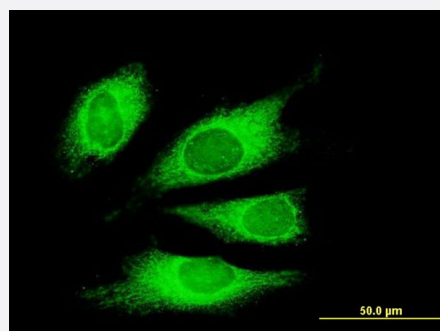
Size 100 ug

Applications



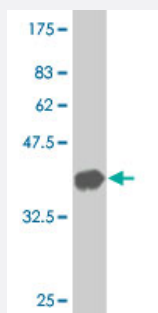
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TG is 0.1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to TG on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant TG.

Immunogen	TG (NP_003226, 2659 a.a. ~ 2768 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FSHFIRSGNPNYPEFSRKVPTFATPWPDFVPRAGGENYKEFSELLPNRQGLKKADCSFWSKYIS SLKTSADGAKGGQSAESEEELTAGSGLREDLLSLQEPGSKTYSK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (70); Rat (69)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TG is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to TG on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — TG

Entrez GeneID [7038](#)

GeneBank Accession# [NM_003235](#)

Protein Accession#	NP_003226
Gene Name	TG
Gene Alias	AITD3, TGN
Gene Description	thyroglobulin
Omim ID	188450 608175
Gene Ontology	Hyperlink
Other Designations	-

Pathway

- [Autoimmune thyroid disease](#)

Disease

- [Autoimmune Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Hashimoto Disease](#)
- [Hypothyroidism](#)
- [Primary Ovarian Insufficiency](#)
- [Recurrence](#)
- [Thyroid Diseases](#)
- [Thyroid Neoplasms](#)
- [Thyroiditis](#)
- [Tobacco Use Disorder](#)