



# Mouse Anti-Human Thyroglobulin monoclonal antibody, clone Y6G0 (DCAB-TJ180)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Monoclonal mouse antibody to Thyroglobulin(TG)
<b>Specificity</b>	DCAB-TJ180 and DCAB-TJ179 forms the sandwich with low interference to human auto-anti TG.
<b>Immunogen</b>	Purified natural thyroglobulin.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	Y6G0
<b>Purification</b>	Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(Cap)
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Buffer</b>	PBS
<b>Preservative</b>	See individual product datasheet
<b>Storage</b>	Store at -20° C for long term storage. Avoid Freeze/Thaw Cycles.

# BACKGROUND

## Introduction

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 consist of TG. TG autoantibodies of IgG type have a prevalence of 80-85% in patients with Hashimoto thyroiditis and also a lower prevalence of 30-80% in patients with Graves' disease.

---

## Keywords

TG;thyroglobulin;AITD3;TGN;

---

# GENE INFORMATION

## Entrez Gene ID

[7038](#)

---

## UniProt ID

[P01266](#)

---