

Nur für Forschungszwecke

# Thyroglobulin Monoklonaler Antikörper

Katalog-Nr.:CL594-60272



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-60272	<b>GenBank-Zugangsnummer:</b> BC140933	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von7038 Nanodrop;	<b>GeneID (NCBI):</b> thyroglobulin	<b>CloneNo.:</b> 4D3C5
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> thyroglobulin	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG2a	<b>Berechnete Masse:</b> 2768 aa, 305 kDa	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 588 nm / 604 nm
<b>Immunogen Katalognummer:</b> AG18070		

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF	<b>Positivkontrollen:</b> IF : humanes Schilddrüsenkarzinomgewebe,
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

Thyroglobulin (Tg) is a glycoprotein homodimer produced predominantly by the thyroid 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 dysmorphogenesis, 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 thyroiditis.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

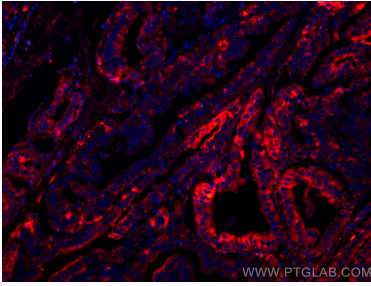
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

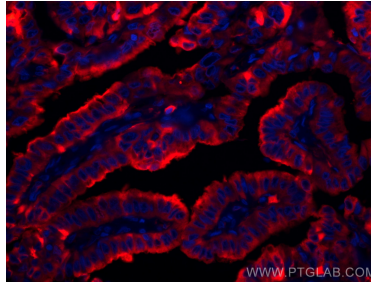
E: proteintech@ptglab.com  
W: ptglab.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed human thyroid cancer tissue using CoraLite®594 Thyroglobulin antibody (CL594-60272, Clone: 4D3C5 ) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human thyroid cancer tissue using CoraLite®594 Thyroglobulin antibody (CL594-60272, Clone: 4D3C5 ) at dilution of 1:200.