

## Thyroglobulin Monoclonal Antibody

CAB3407

### Description

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This Thyroglobulin Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB3407  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Monoclonal Antibody  
**Synonyms:** TGN, AITD3, Thyroglobulin  
**Clone:** ARC1971  
**Applications:** IHC-P ELISA IF-P  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 7038  
**Uniprot:** AB\_2863053  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** -  
**Calculated MW:** 305kDa

## Preparation & Storage

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**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.  
Store Bradford Reagent at Room Temperature for 1 Year.

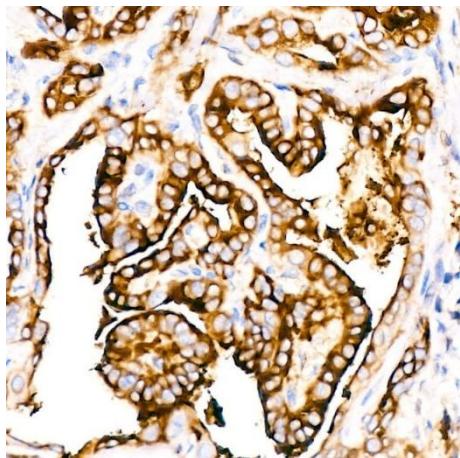
**Positive Sample:**

<b>Recommended Dilutions:</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;"><b>IF-P</b></td><td style="padding: 5px;">1:50 - 1:200</td></tr> <tr> <td style="padding: 5px;"><b>IHC-P</b></td><td style="padding: 5px;">1:50 - 1:200</td></tr> <tr> <td style="padding: 5px;"><b>ELISA</b></td><td style="padding: 5px;">Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	<b>IF-P</b>	1:50 - 1:200	<b>IHC-P</b>	1:50 - 1:200	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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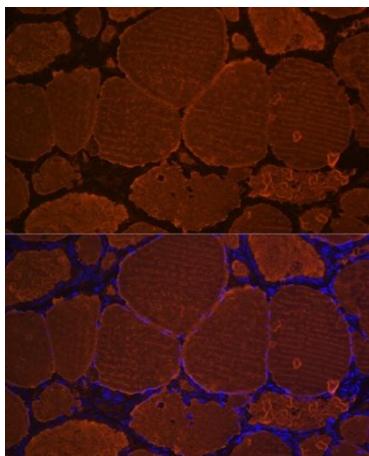
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

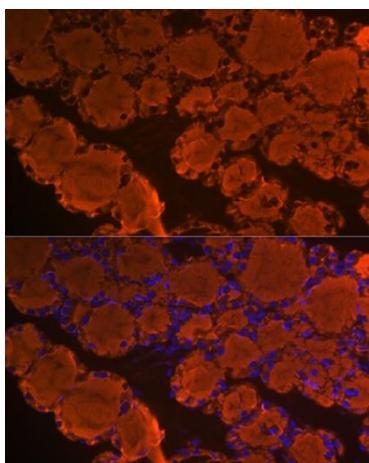
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Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer using Thyroglobulin Rabbit mAb (CAB3407) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded rat thyroid using Thyroglobulin Rabbit mAb (CAB3407) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded mouse thyroid using Thyroglobulin Rabbit mAb (CAB3407) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.