

Datasheet for ABIN6952045  
**anti-THRA antibody (Atto 488)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µg
Target:	THRA
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This THRA antibody is conjugated to Atto 488
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Synthetic peptide from the full length Human Thyroid hormone receptor protein
Clone:	H43
Isotype:	IgG2a
Specificity:	Activated T lymphocytes, Detects 70 kDa.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Protein A Purified

## Target Details

Target:	THRA
Alternative Name:	Thyroid Hormone Receptor ( <a href="#">THRA Products</a> )
Background:	Thyroid hormone receptors are ligand dependent members of the steroid/retinoic acid

## Target Details

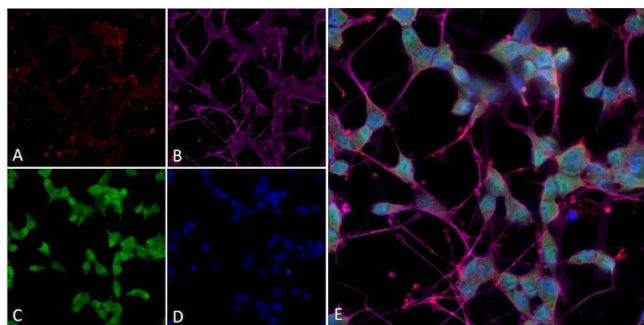
	superfamily of transcription factors. Thyroid hormones affect metabolic processes, growth and development.
Gene ID:	7067
NCBI Accession:	<a href="#">NM_001190918</a>
UniProt:	<a href="#">P10827</a>
Pathways:	<a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a> , <a href="#">Sensory Perception of Sound</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Maintenance of Protein Location</a> , <a href="#">Skeletal Muscle Fiber Development</a>

## Application Details

Application Notes:	<ul style="list-style-type: none"><li>• WB (1:500)</li><li>• optimal dilutions for assays should be determined by the user.</li></ul>
Comment:	A 1:500 dilution of ABIN6952045 was sufficient for detection of Pan-Thyroid hormone receptor in 10 ug of Hep G2 Human Hepatoblastoma Cell lysate by ECL immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.
Restrictions:	For Research Use only

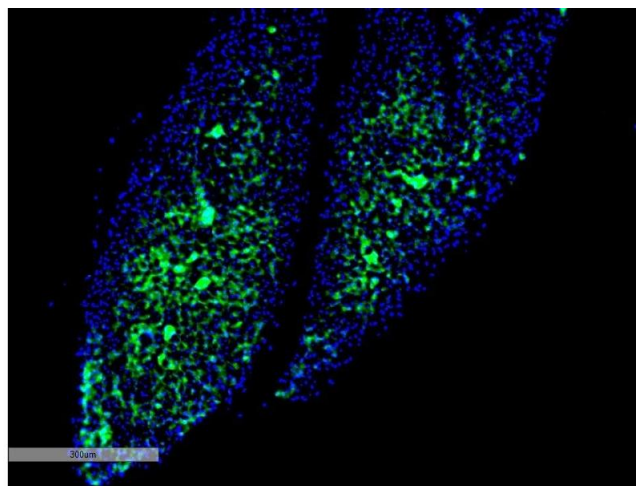
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS pH 7.4, 50 % glycerol, 0.09 % Sodium azide, Storage buffer may change when conjugated
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Conjugated antibodies should be stored at 4°C



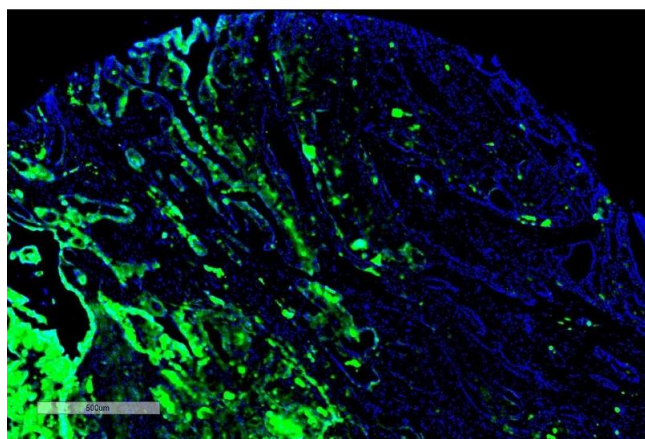
### Immunocytochemistry

**Image 1.** Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody, Clone H43 (ABIN6952045). Tissue: Differentiated SH-SY5Y. Species: Human. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody (ABIN6952045) at 1:250. Secondary Antibody: AlexaFluor 488. Counterstain: phalloidin (Alexa 647, red), beta tubulin (Anti-beta III Tubulin Ab, Alexa 555, magenta) Hoechst (blue). (A) Phalloidin (B) Anti-beta III Tubulin Ab. (C) Thyroid Hormone Receptor Antibody. (D) Hoechst (E) Composite.



### Immunohistochemistry

**Image 2.** Immunohistochemistry analysis using Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody, Clone H43 (ABIN6952045). Tissue: Thyroid. Species: Mouse. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody (ABIN6952045) at 1:100 for Overnight at 4C, then 30 min at 37C. Secondary Antibody: Goat Anti-Mouse IgG (H+L): FITC for 45 min at 37C. Counterstain: DAPI for 3 min at RT. Magnification: 7.5X.



### Immunohistochemistry

**Image 3.** Immunohistochemistry analysis using Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody, Clone H43 (ABIN6952045). Tissue: Thyroid Cancer. Species: Human. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody (ABIN6952045) at 1:100 for Overnight at 4C, then 30 min at 37C. Secondary Antibody: Goat Anti-Mouse IgG (H+L): FITC for 45 min at 37C. Counterstain: DAPI for 3 min at RT. Magnification: 4X.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6952045.