

THRA Monoclonal Antibody (2103)

Product Details	
Size	100 µL
Species Reactivity	Human, Rat
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	2103
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to the N-terminal region of human THRA conjugated to KLH
Form	Liquid
Purification	Affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_561696

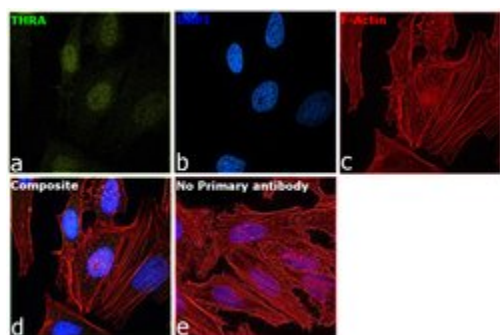
Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:100	-
Immunofluorescence (IF)	1:100	-
Western Blot (WB)	1:1000	1 Publication

Product Specific Information

This antibody is predicted to react with canine, mouse and non-human primate based on 100% sequence homology.

This antibody is specific for the ~50 kDa human THR-alpha1 and the ~58 kDa human THR-alpha2 proteins.

Product Images For THRA Monoclonal Antibody (2103)



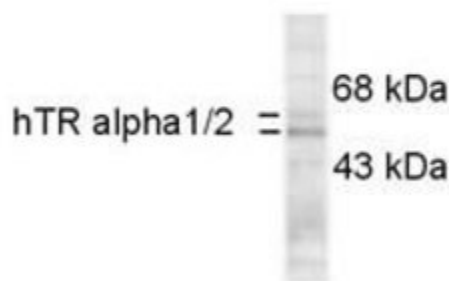
THRA Antibody (MA1-4674) in ICC

Immunofluorescence analysis of THRA was performed using 70 confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with THRA Monoclonal Antibody (2103) (Product # MA1-4674) at 1:100 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32766), (1: 2000 dilution), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b: Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300 dilution). Panel d represents the merged image showing Nuclear localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

Fig. 1

THRA Antibody (MA1-4674) in WB

Western blot detection of brain lysate showing specific immunolabeling of the ~50 kDa THR-alpha1 (bottom) and the ~58 kDa THR-alpha2 (top) proteins.



1 Reference

Western Blot (1)

Virology

Human parvovirus B19 infection leads to downregulation of thyroid, estrogen, and retinoid hormone receptor expression.

"MA1-4674 was used in western blot to study the downregulation of thyroid, estrogen and retinoid hormone receptors in erythroid cells by human parvovirus B19 infection"

Authors: Ignatovich IV, Hobbs JA

Species
Human

Dilution
Not Cited

Year
2013

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