

# Product Datasheet

## TR alpha/NR1A1/Thyroid Hormone Receptor alpha Antibody (H43) - BSA Free NBP2-79822

Unit Size: 0.1 mg

Store at -20 °C.

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**NBP2-79822**

TR alpha/NR1A1/Thyroid Hormone Receptor alpha Antibody (H43) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20 °C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	H43
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4), 50% Glycerol

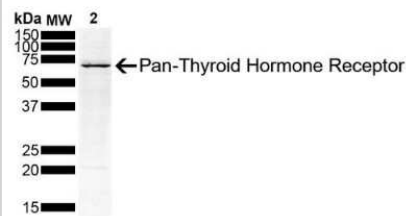
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse TR alpha/NR1A1/Thyroid Hormone Receptor alpha Antibody (H43) - BSA Free (NBP2-79822) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	7067
<b>Gene Symbol</b>	THRA
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide from the full length Human Thyroid hormone receptor protein

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence

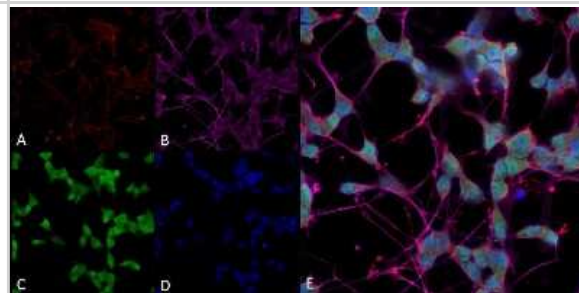


## Images

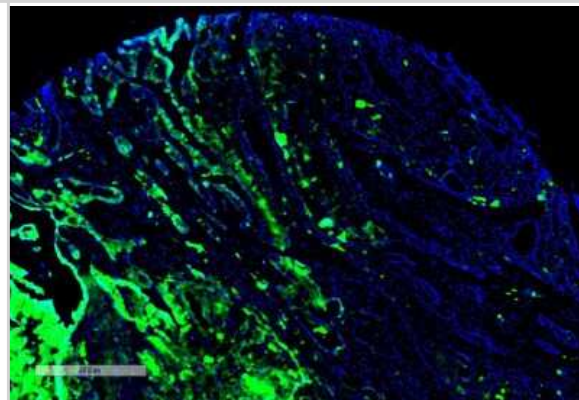
**Western Blot: TR alpha/NR1A1/Thyroid Hormone Receptor alpha Antibody (H43) [NBP2-79822]** - Western Blot analysis of Human Hep G2 Hepatoblastoma Cell lysate showing detection of TR alpha/NR1A1/Thyroid Hormone Receptor alpha protein using Mouse Anti-TR alpha/NR1A1/Thyroid Hormone Receptor alpha Monoclonal Antibody, Clone H43 (NBP2-79822). Load: 10 ug. Primary Antibody: Mouse Anti-TR alpha/NR1A1/Thyroid Hormone Receptor alpha Monoclonal Antibody (NBP2-79822) at 1:500 for 2 hours at RT with shaking. Secondary Antibody: Goat anti-mouse IgG:HRP at 1:4000 for 1 hour at RT with shaking. Color Development: Chemiluminescent for HRP (Moss) for 5 min in RT. Other Band(s): Higher molecular weight bands could be due to PTMs.



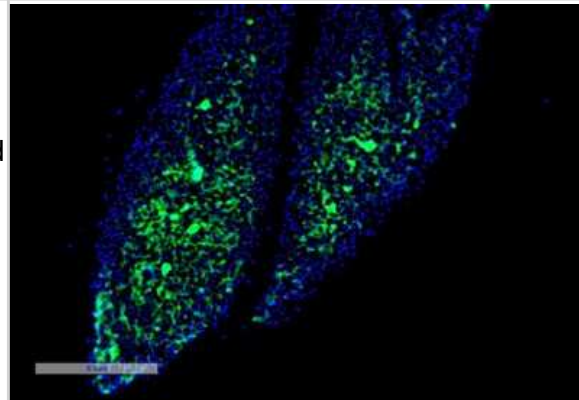
**Immunocytochemistry/Immunofluorescence: TR alpha/NR1A1/Thyroid Hormone Receptor alpha Antibody (H43) [NBP2-79822]** - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-TR alpha/NR1A1/Thyroid Hormone Receptor alpha Monoclonal Antibody, Clone H43 (NBP2-79822). Tissue: Differentiated SH-SY5Y. Species: Human. Primary Antibody: Mouse Anti-TR alpha/NR1A1/Thyroid Hormone Receptor alpha Monoclonal Antibody (NBP2-79822) 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) TR alpha/NR1A1/Thyroid Hormone Receptor alpha Antibody. (D) Hoechst (E) Composite.



**Immunohistochemistry: TR alpha/NR1A1/Thyroid Hormone Receptor alpha Antibody (H43) [NBP2-79822]** - Immunohistochemistry analysis using Mouse Anti-TR alpha/NR1A1/Thyroid Hormone Receptor alpha Monoclonal Antibody, Clone H43 (NBP2-79822). Tissue: Thyroid Cancer. Species: Human. Primary Antibody: Mouse Anti-TR alpha/NR1A1/Thyroid Hormone Receptor alpha Monoclonal Antibody (NBP2-79822) 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.



**Immunohistochemistry: TR alpha/NR1A1/Thyroid Hormone Receptor alpha Antibody (H43) [NBP2-79822]** - Immunohistochemistry analysis using Mouse Anti-TR alpha/NR1A1/Thyroid Hormone Receptor alpha Monoclonal Antibody, Clone H43 (NBP2-79822). Tissue: Thyroid. Species: Mouse. Primary Antibody: Mouse Anti-TR alpha/NR1A1/Thyroid Hormone Receptor alpha Monoclonal Antibody (NBP2-79822) 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.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-79822**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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