

Product Datasheet

Thyroid Hormone Receptor Antibody: Biotin (orb612668)

Description	Mouse monoclonal antibody against NR1D1 conjugated to Biotin
Species/Host	Mouse
Reactivity	Human, Mouse, Rat
Conjugation	Biotin
Tested Applications	ELISA, ICC, IF, IHC, WB
Immunogen	Synthetic peptide from the full length Human Thyroid hormone receptor protein
Target	Thyroid Hormone Receptor
Preservatives	136.36mM Ethanolamine, and 9.55mM Sodium Bicarbonate in 95.45% PBS
Concentration	1mg/ml
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Application notes	A 1:500 dilution of SMC-561 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.
Isotype	IgG2a
Clonality	Monoclonal
Clone Number	H43
MW	70 kDa
Uniprot ID	P10827

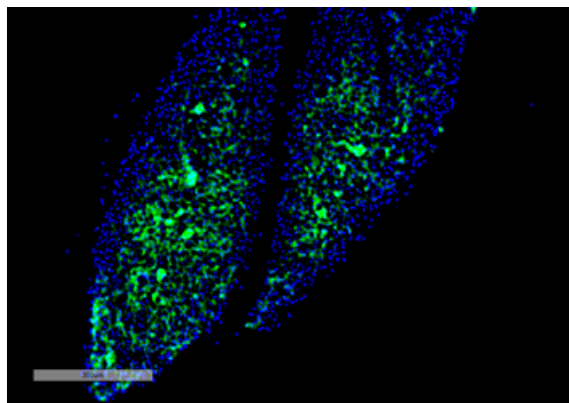
Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

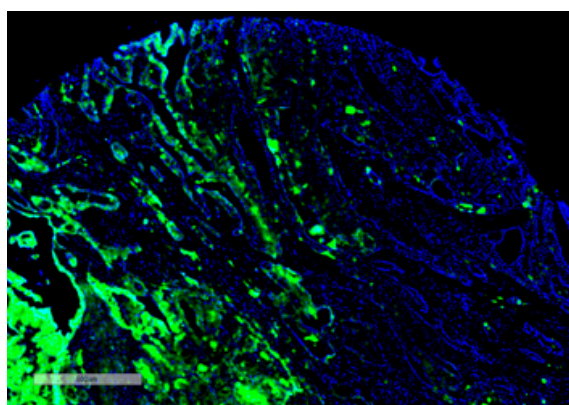
Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

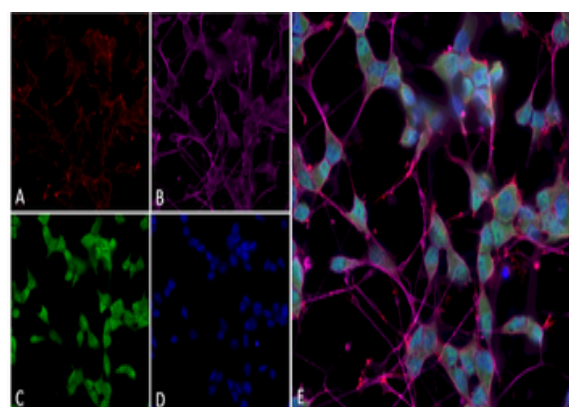
NCBI	NM_001190918.2
Entrez	7067
Dilution Range	WB (1:500); IHC (1:100)
Expiration Date	12 months from date of receipt.



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



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



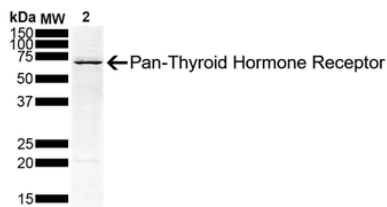
Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody, Clone H43. Tissue: Differentiated SH-SY5Y. Species: Human. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody at 1:250. Secondary Antibody: AlexaFluor 488. Counterstain: 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.

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Western Blot analysis of Human Hep G2 Hepatoblastoma Cell lysate showing detection of Thyroid Hormone Receptor protein using Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody, Clone H43. Load: 10 ug. Primary Antibody: Mouse Anti-Thyroid Hormone Receptor Monoclonal Antibody 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.

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