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TSHB Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO2200a

Product Information

Application	WB, IHC, FC, E
Primary Accession	P01222
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	1D12G1
Isotype	IgG2b
Calculated MW	15639
Description	The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, however, their beta chains are unique and confer biological specificity. Thyroid stimulating hormone functions in the control of thyroid structure and metabolism. The protein encoded by this gene is the beta subunit of thyroid stimulating hormone. Mutations in this gene are associated with congenital central and secondary hypothyroidism and Hashimoto's thyroiditis. Alternative splicing of this gene results in multiple transcript variants.
Immunogen	Purified recombinant fragment of human TSHB (AA: 20-139) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	7252
Other Names	Thyrotropin subunit beta, Thyroid-stimulating hormone subunit beta, TSH-B, TSH-beta, Thyrotropin beta chain, Thyrotropin alfa, TSHB
Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 FC~~1/200 - 1/400 E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TSHB Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TSHB
Function	Indispensable for the control of thyroid structure and metabolism.
Cellular Location	Secreted.

References

1.Mol Biol Rep. 2012 Dec;39(12):10019-30.2.Thyroid. 2010 Jun;20(6):639-45.

Images

