

TSHB Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO2200a**Specification****TSHB Antibody - Product Information**

Application	E, WB, FC, IHC
Primary Accession	P01222
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	15.6kDa KDa

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

TSHB Antibody - 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

E~~1/10000
WB~~1/500 - 1/2000
FC~~1/200 - 1/400
IHC~~1/200 - 1/1000

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.

TSHB Antibody - Protein Information

Name TSHB

Function

Indispensable for the control of thyroid structure and metabolism.

Cellular Location

Secreted.

TSHB Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)