

TSH monoclonal antibody, clone 3A11G12

Catalog # MAB1600 Size 1 mg

Specification

Product Description	Mouse monoclonal antibody raised against full length native TSH.
Immunogen	Native purified human TSH.
Host	Mouse
Reactivity	Human
Specificity	This antibody react with TSH and shows low cross-reactivity (less than 0.01%) against LH. No cross-reactivity with hCG and FSH.
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Native Purified Protein.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 15 mM potassium phosphate buffer, 0.85% NaCl, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TSHB

Entrez GeneID	7252
Gene Name	TSHB
Gene Alias	CHNG4, TSH-BETA
Gene Description	thyroid stimulating hormone, beta
Omim ID	188540
Gene Ontology	Hyperlink
Gene Summary	Thyrotropin-stimulating hormone (TSH) is a noncovalently linked glycoprotein heterodimer and is part of a family of pituitary hormones containing a common alpha subunit (TSHA; see MIM 118850) and a unique beta subunit that confers specificity.[supplied by OMIM]
Other Designations	OTTHUMP00000013654 thyrotropin beta subunit

Pathway

- [Autoimmune thyroid disease](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Congenital Hypothyroidism](#)
- [Genetic Predisposition to Disease](#)
- [Growth Disorders](#)
- [Hypothyroidism](#)
- [Thyroid Neoplasms](#)