

TSHB monoclonal antibody, clone 057-11001

Catalog # MAB4750

Size 1 mg

Specification

Product Description	Mouse monoclonal antibody raised against native TSHB.
Immunogen	Native purified TSHB from human pituitary gland.
Host	Mouse
Reactivity	Human
Specificity	human Thyroid Stimulating Hormone (TSH), intact and beta subunits. Cross-reactivity: TSH 100% hCG 0% LH 0% FSH 0%
Form	Liquid
Isotype	IgG1, kappa
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM sodium phosphate buffer, 150 mM NaCl, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Sandwich ELISA
- Enzyme Immunoassay

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](#)