ARG66512
anti-TSH / Thyroid Stimulating Hormone antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes TSH / Thyroid Stimulating Hormone
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1, lambda
Target Name	TSH / Thyroid Stimulating Hormone
Species	Human
Immunogen	Synthetic peptide derived from Human TSH / Thyroid Stimulating Hormone.
Conjugation	Un-conjugated
Alternate Names	TSH-B; TSH-beta; Thyroid-stimulating hormone subunit beta; Thyrotropin subunit beta; Thyrotropin beta chain; Thyrotropin alfa; TSH-BETA

Application Instructions

Application table

Application	Dilution
IHC-P	1:100 - 1:500

Application Note: IHC-P: Antigen Retrieval: Citric acid buffer (pH 6.0) was used.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

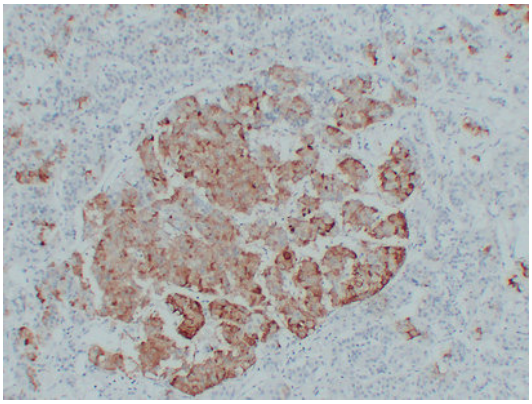
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TSHB
Gene Full Name	thyroid stimulating hormone, beta
Background	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. [provided by RefSeq, May 2013]
Function	Indispensable for the control of thyroid structure and metabolism. [UniProt]
Calculated Mw	16 kDa
Cellular Localization	Secreted. [UniProt]

Images



ARG66512 anti-TSH / Thyroid Stimulating Hormone antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human pitutary adenocarcinoma stained with ARG66512 anti-TSH / Thyroid Stimulating Hormone antibody at 1:200 (4°C, overnight). Antigen Retrieval: Citric acid buffer (pH 6.0) was used.