

Mouse TSH Monoclonal Antibody | anti-TSH antibody

mAb anti-human TSH

CATALOG # AAA77924	HOST Mouse	REACTIVITY Human. Others not tested	APPLICATIONS ELISA
------------------------------	----------------------	---	------------------------------

PRODUCT SYNONYMS

TSH; Monoclonal Antibody; mAb anti-human TSH; Thyroid Stimulating Hormone (TSH); Mouse anti-Human thyroid stimulate Hormone (TSH) monoclonal antibody.; anti-TSH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Others not tested
Clonality	Monoclonal
Isotype	IgG1,kappa
Clone Number	TSH-1
Specificity	Human Thyroid Stimulating Hormone (TSH) alpha subunit
Purity/Purification	Protein G affinity purified
Form/Format	Lyophilized from a solution in 0.01M PBS, pH 7.2
Sequence Length	1377
Applicable Applications for anti-TSH antibody	ELISA
Target Protein	Human TSH
Immunogen	Recombinant human TSH
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.
Research Area	Hormone, metabolism
Preparation and Storage	Store at -20°C.

ADDITIONAL INFORMATION

Related Product Information for anti-TSH antibody	Description: Mouse anti-Human Thyroid Stimulating , Hormone (TSH) monoclonal antibody. Background: Thyroid stimulating hormone is secreted by pituitary gland in response to the stimulation of Thyrotropin Releasing Hormone (TRH) produced by hypothalamus. TSH binds to the TSH receptors on the surface of the follicular cells in thyroid and stimulates the production of thyroid hormones (T4 and T3). TSH, T3 and T4 play an important role in normal growth, brain development in young children, and regulate the metabolism in adults. TSH secretion is increased when T3 and T4 are insufficient. Elevated TSH, but low T3 and T4 levels indicate that thyroid cannot produce thyroid hormones at a normal rate and the condition is called hypothyroidism. If T3 and T4 levels are high when TSH is at a low level, it indicates that thyroid is producing abnormally large amount thyroid hormones, and the condition is called hyperthyroidism which is manifested by hypermetabolic symptoms. TSH has an α subunit that is identical to the one in other glycoprotein hormones such as LH, FSH and HCG.
Product Categories/Family for anti-TSH antibody	Primary antibody-capture antibody in matched antibody pair ; Monoclonal Antibodies to Human Hormone

NCBI AND UNIPROT INFORMATION

NCBI GI #	469236
NCBI Official Full Name	Tsh
UniProt Protein Name	Temperature-sensitive hemagglutinin tsh autotransporter
UniProt Gene Name	tsh
UniProt Entry Name	TSH_ECOLX

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/tsh-antibody-clone-tsh-1-elisa/77924>