



# Mouse Anti-Human TSH monoclonal antibody, clone 5614 (DMAB7278)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal derived components.
<b>Specificity</b>	Antibody recognizes human thyrotropin. Cross-reactivities: hCG: < 0.05 % LH: 1.0 % FSH: 1.0 %
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	5614
<b>Purification</b>	≥ 95 %
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(Cap), ELISA(Det)
<b>Epitope</b>	The epitope is located at the junction of alpha and beta subunits in hTSH. This antibody recognizes intact hTSH molecule
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Buffer</b>	0.9 % NaCl

<b>Preservative</b>	0.095% Sodium Azide
<b>Storage</b>	Store at -20° C for long term storage. Avoid Freeze/Thaw Cycles.

## BACKGROUND

<b>Introduction</b>	Thyroid-stimulating hormone (also known as TSH or thyrotropin) is a peptide hormone synthesized and secreted by thyrotrope cells in the anterior pituitary gland which regulates the endocrine function of the thyroid gland. TSH levels are tested in the blood of patients suspected of suffering from excess (hyperthyroidism), or deficiency (hypothyroidism) of thyroid hormone.
<b>Keywords</b>	HCG;LHA;FSHA;GPHa;TSHA;GPHA1;CG-ALPHA;CGA;TSHB;Thyroid-stimulating hormone, beta;Thyroid-stimulating hormone beta