



Mouse Anti-Human TSH monoclonal antibody, clone 5610 (DMAB7279)

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

PRODUCT INFORMATION

Product Overview	Monoclonal mouse antibody, cultured in vitro under conditions free from animal derived components.
Specificity	Antibody recognizes human thyrotropin. Cross-reactivities: TSH α : < 0.01 % TSH β : 0.14 % hCG: < 0.04 % LH: < 0.04 % FSH: < 0.04 %
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	5610
Purification	≥ 95 %
Conjugate	Unconjugated
Applications	ELISA(Cap), ELISA(Det)
Epitope	The epitope is located at the junction of alpha and beta subunits in hTSH. This antibody recognizes intact hTSH molecule.
Format	Liquid
Concentration	Lot specific

Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 25 % ethylene glycol
Preservative	0.095% Sodium Azide
Storage	Store at -20° C for long term storage. Avoid Freeze/Thaw Cycles.

BACKGROUND

Introduction	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.
Keywords	HCG;LHA;FSHA;GPHa;TSHA;GPHA1;CG-ALPHA;CGA;TSHB;Thyroid-stimulating hormone, beta;Thyroid-stimulating hormone beta