



Mouse Anti-Human TSH monoclonal antibody, clone 5618 (DMAB7703)

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 and its free beta subunit. Cross-reactivities: TSH α : < 0.5 % TSH β : 77.4 % hCG: < 0.5 % LH: < 0.5 % FSH: < 0.5 %
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	5618
Purification	≥ 95 %
Conjugate	Unconjugated
Applications	ELISA(Cap), ELISA(Det)
Format	Liquid
Concentration	Lot specific
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl

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