

Technical Data Sheet

Product	Anti-hTSH Biotin
Cat. Number/Size	1B-125-C100 0.1 mg
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	hTSH
Clone	TSH-116
Format	Biotin
Reactivity	Human
Application	ELISA (QC tested)
Isotype	Mouse IgG2a
Specificity	The antibody TSH-116 reacts with human thyroid stimulating hormone (hTSH, thyrotropin), a glycoprotein hormone produced by the anterior pituitary gland cells in response to signals from the hypothalamus gland in the brain. The TSH-116 reacts with association constant 1.1×10^{11} l/mol. Following cross-reactivity expressed as binding of labelled hormone (% of total) was determined by solid phase RIA with excess of the antibody TSH-116: hTSH (78.9), hCG (20.3), hLH (23.2), hFSH (29.9).
Other names	Thyrotropin
Immunogen	Human thyrotropin.

Concentration	1 mg/ml
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

Images and References	www.exbio.cz
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