

Technical Data Sheet

Product	Anti-hTSH Purified	
Cat. Number/Size	11-125-C025	0.025 mg
	11-125-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	hTSH	
Clone	TSH-116	
Format	Purified	
Reactivity	Human	
Application	ELISA, RIA	
Application details	RIA: The antibody TSH-116 is suitable in combination with the antibody TSH-51 for immunometric assays in the screening of neonatal hypothyroidism.	
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 by protein-A affinity chromatography	
Formulation	Phosphate buffered saline (PBS) solution with 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on the label.	
Images and References	www.exbio.cz	

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