



	Technical Data Sheet	
Product	Anti-hTSH Purified	
Cat. Number/Size	11-124-C025	0.025 mg
	11-124-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	hTSH	
Clone	TSH-51	
Format	Purified	
Reactivity	Human	
Application	ICC, ELISA, RIA	
Application details	RIA: The antibody TSH-51 is suitable in combination with the antibody TSH-116 for immunometric assays in the screening of neonatal hypothyroidism.	
Isotype	Mouse IgG2a	
Specificity	The antibody TSH-51 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-51 antibody reacts with association constant 5.5×10^{10} 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-51: hTSH (68.6), hCG (0.03), hLH (2.99), hFSH (0.66).	
Other names	Thyrotropin	
Immunogen	Human thyrotropin.	
Concentration	1 mg/ml	
Preparation	Purified by protein-A affinity 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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