

Technical Data Sheet

Product	Anti-beta-hCG Purified	
Cat. Number/Size	11-123-C025	0.025 mg
	11-123-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	beta-hCG
Clone	HCG-61
Format	Purified
Reactivity	Human
Application	ICC, ELISA
Isotype	Mouse IgG2b
Specificity	The antibody HCG-61 reacts with beta-subunit of human chorionic gonadotropin, a 40 kDa hormone. hCG belongs to the glycoprotein hormone family together with lutropin (LH), follitropin (FSH) and thyrotropin (TSH). hCG is synthesised by trophoblastic cells of the placenta during pregnancy and stimulates the growth of corpus luteum. The HCG-61 antibody reacts with association constant 5.1×10^{10} l/mol. Following cross-reactivity (%) was determined by classic double-antibody RIA using unlabelled hormones: beta-hCG (77), alpha-hCG (1.3), hLH (0.86), hFSH (< 0.5), hTSH (< 0.5).
Other names	Choriogonadotropin beta, CG-beta
Immunogen	Human chorionic gonadotropin.
Entrez Gene ID	93659
Gene name	CGB
NCBI Full Gene Name	chorionic gonadotropin subunit beta
UniProt ID	P0DN86

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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