



	Technical Data Sheet	
Product	<b>Anti-hGH Purified</b>	
Cat. Number/Size	<b>11-126-C025</b>	<b>0.025 mg</b>
	<b>11-126-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	hGH	
Clone	GH-45	
Format	Purified	
Reactivity	Human	
Application	IHC-P, ICC, ELISA	
Application details	Immunohistochemistry: Recommended dilution: 5-10 µg/ml.	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody GH-45 recognizes human growth hormone (hGH), a polypeptide hormone synthesized by acidophilic or somatotropic cells of the anterior pituitary gland. The GH-45 antibody reacts with affinity constant $3.8 \times 10^{10}$ l/mol; it does not bind human prolactin or any other pituitary hormones.	
Other names	Somatotropin, Growth hormone	
Immunogen	Human growth hormone.	
Entrez Gene ID	2688	
Gene name	GH1	
NCBI Full Gene Name	growth hormone 1	
UniProt ID	P01241	
Concentration	0.5 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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