

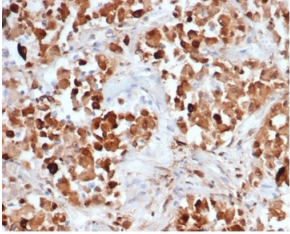
Anti-Growth Hormone Antibody [rGH/4887] (A277888)

Specifications:

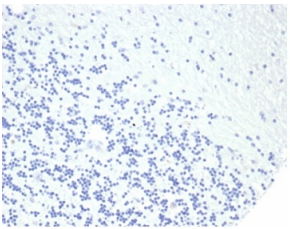
Name:	Anti-Growth Hormone Antibody [rGH/4887]
Description:	Recombinant mouse monoclonal [rGH/4887] antibody to Growth Hormone.
Specificity:	Pituitary growth hormone (GH) plays a crucial role in stimulating and controlling the growth, metabolism and differentiation of many mammalian cell types by modulating the synthesis of multiple mRNA species. These effects are mediated by the binding of GH to its membrane-bound receptor, GHR, and involve a phosphorylation cascade that results in the modulation of numerous signaling pathways. GH is synthesized by acidophilic or somatotrophic cells of the anterior pituitary gland. Anti-GH is a useful marker in classification of pituitary tumors and the study of pituitary disease (acromegaly).
Applications:	IHC-P
Recommended Dilutions:	IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant full-length human Growth Hormone.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	rGH/4887
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Growth Hormone Antibody [rGH/4887] - BSA and Azide free (A278476).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human pituitary tissue using Anti-Growth Hormone Antibody [rGH/4887].



Negative Tissue Control: Immunohistochemical analysis of formalin-fixed, paraffin-embedded human brain using Anti-Growth Hormone Antibody [rGH/4887] at 2 μ g/ml in PBS for 30 minutes at room temperature.