

Datasheet for ABIN7425620

anti-Growth Hormone 1 antibody (AA 28-217)





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Quantity:	100 μL
Target:	Growth Hormone 1 (GH1)
Binding Specificity:	AA 28-217
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Growth Hormone 1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Growth Hormone (GH)	
Immunogen:	Eukaryotic Growth Hormone (GH) corresdonding to Pro28~Phe217 with N-terminal His Tag	
Clone:	C11	
Isotype:	IgG2b kappa	
Specificity:	The antibody is a mouse monoclonal antibody raised against GH. It has been selected for its ability to recognize GH in immunohistochemical staining and western blotting.	
Purification:	Protein A + Protein G affinity chromatography	

Target Details

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Target:	Growth Hormone 1 (GH1)	
Alternative Name:	Growth Hormone (GH1 Products)	
Background:	GH1, GH-N, GHN, hGH-N, Somatotropin, Hygetropin, Jintropin, Kigtropin, Pituitary Growth	
	Hormone, Growth Hormone, Normal	
UniProt:	P01241	
Pathways:	NF-kappaB Signaling, JAK-STAT Signaling, Intracellular Steroid Hormone Receptor Signaling	
	Pathway, Peptide Hormone Metabolism, Regulation of Intracellular Steroid Hormone Receptor	
	Signaling, Regulation of Hormone Metabolic Process, Response to Growth Hormone Stimulus	
	Regulation of Hormone Biosynthetic Process	
Application Details		
Application Notes:	Western blotting: 0.01-2 μg/mL,lmmunohistochemistry: 5-20 μg/mL,lmmunocytochemistry: 5-	
	20 μg/mL,Optimal working dilutions must be determined by end user.	
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerate	
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious	
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration	
	date under appropriate storage condition.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be	
	handled by trained staff only.	

detectable loss of activity. Avoid repeated freeze-thaw cycles.

Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without

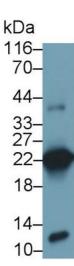
4 °C,-20 °C

24 months

Storage:

Expiry Date:

Storage Comment:



Western Blotting

Image 1. Detection of GH in Human Placenta lysate using Monoclonal Antibody to Growth Hormone (GH)