

Datasheet for ABIN7425620

anti-Growth Hormone 1 antibody (AA 28-217)[Go to Product page](#)**1** Image

Overview

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) corresponding 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

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, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 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 accelerated 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.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

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