

Anti-GH1 Antibody (4S351)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 25 kDa. Actual: 25 kDa.
Clone:	4S351
Purification:	Protein A purified

Applications

Verified Activity:	1. Western blot analysis of human placenta lysate. Using GH1 (TMAB-06465) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
	2. Paraformaldehyde-fixed, paraffin embedded Human pituitary gland; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GH1 Monoclonal Antibody, Unconjugated (TMAB-06465) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
	3. Paraformaldehyde-fixed, paraffin embedded Human Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GH1 Monoclonal Antibody, Unconjugated (TMAB-06465) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
	4. Paraformaldehyde-fixed, paraffin embedded Human Thymus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GH1 Monoclonal Antibody, Unconjugated (TMAB-06465) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
Application:	WB,IHC-P,IHC-Fr,IP,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IP: 1:20-50; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human Growth hormone
Antigen Species:	Human
Gene ID:	2688
Uniprot ID:	P01241

Research Background

Plays an important role in growth control. Its major role in stimulating body growth is to stimulate the liver and other tissues to secrete IGF-1. It stimulates both the differentiation and proliferation of myoblasts. It also stimulates amino acid uptake and protein synthesis in muscle and other tissues.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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