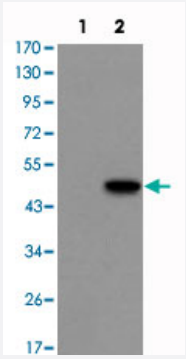
GCG monoclonal antibody, clone 2F9

Catalog # MAB10665 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis using GCG monoclonal antibody, clone 2F9 (Cat # MAB10665) against HEK293 (1) and GCG-hIgGFc transfected HEK293 (2) cell lysate.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant GCG.
Immunogen	Recombinant protein corresponding to human GCG.
Host	Mouse
Theoretical MW (kDa)	21
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Transfected lysate)

  Western blot analysis using GCG monoclonal antibody, clone 2F9 (Cat # MAB10665) against HEK293 (1) and GCG-hIgGFc transfected HEK293 (2) cell lysate.

Gene Info — GCG

Entrez GeneID	2641
Gene Name	GCG
Gene Alias	GLP1, GLP2, GRPP
Gene Description	glucagon
Omim ID	138030
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is actually a preproprotein that is cleaved into four distinct matur e peptides. One of these, glucagon, is a pancreatic hormone that counteracts the glucose-lowerin g action of insulin by stimulating glycogenolysis and gluconeogenesis. Glucagon is a ligand for a s pecific G-protein linked receptor whose signalling pathway controls cell proliferation. Two of the ot her peptides are secreted from gut endocrine cells and promote nutrient absorption through distin ct mechanisms. Finally, the fourth peptide is similar to glicentin, an active enteroglucagon. [provid ed by RefSeq
Other Designations	glicentin-related polypeptide|glucagon-like peptide 1|glucagon-like peptide 2

Pathway

- Neuroactive ligand-receptor interaction

Disease

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- Atherosclerosis
- Calcinosis
- Cardiovascular Diseases
- Coronary Artery Disease
- Diabetes Mellitus
- Drug Toxicity
- Edema
- Obesity

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