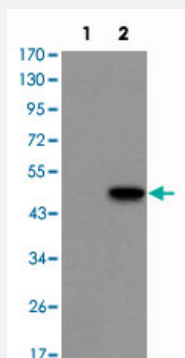


GCG monoclonal antibody, clone 2F9

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-hlgGfc 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.

Note

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

Applications

- Western Blot (Transfected lysate)

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

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GCG

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

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Obesity](#)