RecomAb™ Sm Size

GCG recombinant monoclonal antibody, clone 1D10

Catalog # RAB08278 Size 50 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human GCG.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human GCG.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
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

Gene Info — GCG

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Entrez GeneID	2641
Protein Accession#	P01275
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

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

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- Obesity

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