

## Glucagon monoclonal antibody

Catalog: MB66071

Host: Mouse

Reactivity: Human

### BackGround:

Glucose homeostasis is regulated by a variety of hormones including glucagon. Glucagon is synthesized as the precursor molecule proglucagon and is proteolytically processed to yield the mature peptide in  $\alpha$  cells of the pancreatic islets. Glucagon causes the release of glucose from glycogen and stimulates gluconeogenesis in the liver.

### Product:

Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.

### Molecular Weight:

~ 20 kDa

### Swiss-Prot:

P01275

### Purification&Purity:

The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC (1/100 - 1/300)

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Recognizes endogenous levels of Glucagon protein.

### DATA:



Immunohistochemical analysis of Glucagon staining in human pancreas formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### Note:

For research use only, not for use in diagnostic procedure.

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