

Glucagon (AB1546) mouse mAb

V0077

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- Immunohistochemistry (IHC)

MW

- 20 kDa (calculated)
- kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality

Monoclonal

Clone Number

AB1546

Immunogen

A synthetic peptide corresponding to the amino acid region 2 - 100 of the human Glucagon protein.

Specificity

The antibody can specifically recognize human Glucagon protein.

Purification

Affinity purification Protein A

Concentration

Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name

GCG

Protein Name

Glucagon

Database Link

Organism

Human

Swiss Prot.

P01275

Gene ID

2641

Background

Glucagon is a hormone secreted by islet alpha cells, which can promote glycogen decomposition into glucose and inhibit glycogen synthesis, leading to increased blood sugar. This antibody can be used for functional classification of islet cell tumors and diagnosis of glucagon tumors.