

Insulin (AB1735) mouse mAb

V0381

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- Immunohistochemistry (IHC)

MW

- 12 kDa (calculated)
- 9 kDa (observed)

Isotype

- IgG2a, 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 AB1735

Immunogen A synthetic peptide corresponding to the amino acid region 25 - 110 of the human Insulin protein.

Specificity The antibody can specifically recognize human Insulin 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 INS

Protein Name Insulin

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P01308	3630

Background Insulin is a hormone secreted by islet beta cells, which can promote the uptake and utilization of glucose by tissue cells, promote glycogen synthesis and reduce blood glucose. It is highly expressed in insulinoma and is mainly used for functional classification of islet cell tumor and auxiliary diagnosis of multiple endocrine tumors.