

Mouse Anti-Insulin [2D11-H5]: MC0337

Intended Use: For Research Use Only

Description: Insulin is a hormone that regulates glucose homeostasis. It increases cell permeability to monosaccharides, amino acids and fatty acids, and it accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver. It is synthesized in the beta cell of the pancreas. The antibody labels both normal and neoplastic insulin-producing cells. It is useful in identifying insulinoma.

Specifications:

Clone: 2D11-H5
Source: Mouse
Isotype: IgG1
Reactivity: Human
Localization: Cytoplasm
Formulation: Antibody in PBS pH7.4, containing BSA, glycerol, and $\leq 0.09\%$ sodium azide (NaN₃).
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
Insulin Concentrated	MC0337	1 ml

IHC Procedure*:

Positive Control Tissue: Pancreas
Concentrated Dilution: 50-200
Pretreatment: None
Incubation Time and Temp: 30-60 min @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.