bsm-0862M

- ## Mouse Anti-Insulin(1D4:) Monoclonal Antibody

Primary Antibodies

Background:
Insulin is a pancreatic hormone that regulates glucose and is involved in the synthesis of protein and fat. It increases cell permeability to monosaccharides, amino acids and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver. Heterodimer of a B chain and an A chain linked by two disulfide bonds.Belongs to the insulin family. The insulin-link growth factors, IGF-I and IGF-II (also desinated somatomedin C and multiplication stimulating activator, respectvely), share approximatly 76% sequence identity and are 50% related to pro-insulin.IGF-I and IGF-II are nonglycosylated, single chain proteins of 70 and 76 amino acids in length, respectivelly. IGF-I functions as an autocrine regulator of growth in vaious, whereas the function of IGF-II is less well defined.

Source/Purification:
Insulin from porcine pancreas. Was purified by Protein A and peptide affinity chromatography.

Storage: Prepared as lyophilized powder or liquid and shipped on ice. Store at -20℃ for one year.

Reconstitution:
If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

Size: 100ul or 100ug lyophilized

Concentration: 1ug/uL

Host: Mouse

Reactivities: Human,Pig,

Application:

- ELISA(1:500-1000)
- IP(1:20-100)
- IHC-P(1:100-500)
- IHC-F(1:100-500)
- IF(1:100-500)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

Antibody Type: Monoclonal

Isotype: IgG

Molecular Weight: 5.8/12kDa

Preservatives:
10ug/uL BSA and 0.1% NaN3.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.