bsm-0855M

- DATASHEET ------

[Primary Antibody]

Insulin (1G11) Mouse mAb



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Host: Mouse	Isotype: IgG1	Applications: WB (1:500-2000)
Clonality: Monoclonal	CloneNo.: 1G11	Reactivity: Human (predicted: Pig)
GenelD: 3630	SWISS: P01308	,
Target: Insulin (1G11)		
Purification: affinity purified by Protein A		Predicted MW.: ^{5.8/12} kDa
Concentration: 1mg/ml		
Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: ^{Secreted}
Background: Insulin is one of the major regulatory hormones of intermediate metabolism throughout the body. The biological actions of this hormone involve integration of carbohydrate, protein, and lipid metabolism. Insulin enhances membrane transport of glucose, amino acids, and certain ions. It also promotes glycogen storage, formation of triglycerides and synthesis of proteins and nucleic acids. Immunocytochemical investigations have localized insulin in the B cells of pancreatic islets of Langerhans. Deficiency of insulin results in diabetes mellitus, one of the leading causes of morbidity and mortality in the general population. Insulin is also present in tumors of B cell origin such as insulinoma.		

- VALIDATION IMAGES -



Sample: Lane 1: Human ASPC-1 cell lysates Primary: Anti-Insulin (bsm-0855M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 5.8/12 kDa Observed band size: 10 kDa