

产品说明书

Insulin (Y1125) Mouse mAb

货号: HL06121

产品名称	Insulin (Y1125) Mouse mAb
来源宿主	Mouse
反应种属	Human Mouse Rat
克隆类型	Mouse monoclonal
克隆号	Y1125
同种型	IgG
标记	unconjugated
纯化方式	Protein A affinity purified.
形式	Liquid
存储溶液	PBS (pH7.4),0.05% BSA,40% Glycerol. Preservative: 0.05% Sodium Azide.
存储方式	Store at +4℃ after thawing. Aliquot store at -20℃. Avoid repeated freeze / thaw cycles.
应用	IHC-P,mIHC,IF
使用方法	IHC-P 1:100-1:200;mIHC 1:100-1:200;IF 1:50-1:200
有效期	one year
别名	INS
免疫原	Synthesized peptide derived from human Insulin AA range: 25-110
SwissProt	P01308
细胞定位	Secreted
产品介绍	Insulin is a peptide hormone produced by beta cells of the pancreatic islets encoded in humans by the INS gene. It is considered to be the main anabolic hormone of the body. It regulates the metabolism of carbohydrates, fats and protein by promoting the absorption of glucose from the blood into liver, fat and skeletal muscle cells. In these tissues the absorbed glucose is converted into either glycogen via glycogenesis or fats (triglycerides) via lipogenesis, or, in the case of the liver, into both. Glucose production and secretion by the liver is strongly inhibited by high concentrations of insulin in the blood. Circulating insulin also affects the synthesis of proteins in a wide variety of tissues. It is therefore an anabolic hormone, promoting the conversion of small molecules in the blood into large molecules inside the cells. Low insulin levels in the blood have the opposite effect by promoting widespread catabolism, especially of reserve body fat.

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