

Anti-Insulin antibody [IN-05] - Low endotoxin, Azide free ab46707

5 References

概述

产品名称	Anti-Insulin抗体[IN-05] - Low endotoxin, Azide free
描述	小鼠单克隆抗体[IN-05] to Insulin - Low endotoxin, Azide free
宿主	Mouse
特异性	The antibody blocks binding of insulin to the receptor.
经测试应用	适用于: ELISA, IHC-P, ICC/IF, Functional Studies, RIA
种属反应性	与反应: Cow, Human, Pig
免疫原	Full length protein corresponding to Pig Insulin. Full Length Native Protein Porcine insulin
常规说明	<p>This product was changed from ascites to tissue culture supernatant. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Constituent: 100% PBS
无载体	是
纯度	Protein A purified
纯化说明	Purified from TCS. Purity >95% by SDS-PAGE. Preserved by filter sterilization.
克隆	单克隆
克隆编号	IN-05

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab46707于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ELISA		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
Functional Studies		Use at an assay dependent concentration. Blocks the binding of insulin to the receptor.
RIA		Use at an assay dependent concentration.

靶标

功能

Insulin decreases blood glucose concentration. It increases cell permeability to monosaccharides, amino acids and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver.

疾病相关

Defects in INS are the cause of familial hyperproinsulinemia (FHPRI) [MIM:176730].
Defects in INS are a cause of diabetes mellitus insulin-dependent type 2 (IDDM2) [MIM:125852]. IDDM2 is a multifactorial disorder of glucose homeostasis that is characterized by susceptibility to ketoacidosis in the absence of insulin therapy. Clinical features are polydipsia, polyphagia and polyuria which result from hyperglycemia-induced osmotic diuresis and secondary thirst. These derangements result in long-term complications that affect the eyes, kidneys, nerves, and blood vessels.
Defects in INS are a cause of diabetes mellitus permanent neonatal (PNDM) [MIM:606176]. PNDM is a rare form of diabetes distinct from childhood-onset autoimmune diabetes mellitus type 1. It is characterized by insulin-requiring hyperglycemia that is diagnosed within the first months of life. Permanent neonatal diabetes requires lifelong therapy.
Defects in INS are a cause of maturity-onset diabetes of the young type 10 (MODY10) [MIM:613370]. MODY10 is a form of diabetes that is characterized by an autosomal dominant mode of inheritance, onset in childhood or early adulthood (usually before 25 years of age), a primary defect in insulin secretion and frequent insulin-independence at the beginning of the disease.

序列相似性

Belongs to the insulin family.

细胞定位

Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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