

Anti-IGF1 antibody [M23] - BSA and Azide free ab212477

概述

产品名称	Anti-IGF1抗体[M23] - BSA and Azide free
描述	小鼠单克隆抗体[M23] to IGF1 - BSA and Azide free
宿主	Mouse
种属反应性	与反应: Mouse, Rat, Rabbit, Human
免疫原	Full length protein corresponding to Human IGF1. (Purified). Database link: P05019

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: 7.2 Constituent: 100% PBS
无载体	是
纯度	Protein G purified
克隆	单克隆
克隆编号	M23
同种型	IgG1
轻链类型	kappa

靶标

功能	The insulin-like growth factors, isolated from plasma, are structurally and functionally related to insulin but have a much higher growth-promoting activity. May be a physiological regulator of [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblasts. Stimulates glucose transport in rat bone-derived osteoblastic (PyMS) cells and is effective at much lower concentrations than insulin, not only regarding glycogen and DNA synthesis but also with regard to enhancing glucose uptake.
疾病相关	Defects in IGF1 are the cause of insulin-like growth factor I deficiency (IGF1 deficiency) [MIM:608747]. IGF1 deficiency is an autosomal recessive disorder characterized by growth

retardation, sensorineural deafness and mental retardation.

序列相似性

Belongs to the insulin family.

细胞定位

Secreted.

形式

There are 2 isoforms produced by alternative splicing. Isoform 1 also known as: IGF-IB; Isoform 2 also known as: IGF-IA.

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