abcam

Product datasheet

Anti-Growth Hormone antibody [GhB9] (HRP) ab1956

1 Abreviews 1 References

概述

产品名称	Anti-Growth Hormone抗体[GhB9] (HRP)
描述	小鼠单克隆抗体[GhB9] to Growth Hormone (HRP)
宿主	Mouse
偶联物	HRP
特异性	Reacts with recombinant and natural human growth hormone. There is no cross-reactivity with HPRL, FSH, LH and insulin.
经测试应用	**适用于:** Sandwich ELISA, ELISA
种属反应性	**与反应:** Human
免疫原	Recombinant full length protein (Human).
常规说明	Concentration varies from lot to lot and can be provided on request. Abcam is committed to meeting high standards of ethical manufacturing and has decided to discontinue this product by June 2019 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.02 % of Thimerosal Constituents: 50% Glycerol, PBS, 10mg/ml BSA, pH 7.4
纯度	Protein G purified
纯化说明	Purity tested by electrophoresis.
克隆	单克隆
克隆编号	GhB9
骨髓瘤	x63-Ag8.653
同种型	IgG1

应用

Our Abpromise guarantee covers the use of **ab1956** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Sandwich ELISA		Use at an assay dependent dilution. Can be used as Detection antibody with recommended pair. Detection limit 50pg/ml.
ELISA		Use at an assay dependent dilution.

靶标

功能	Plays an important role in growth control. Its major role in stimulating body growth is to stimulate the liver and other tissues to secrete IGF-1. It stimulates both the differentiation and proliferation of myoblasts. It also stimulates amino acid uptake and protein synthesis in muscle and other tissues.
疾病相关	Defects in GH1 are a cause of growth hormone deficiency isolated type 1A (IGHD1A) [MIM:262400]; also known as pituitary dwarfism I. IGHD1A is an autosomal recessive deficiency of GH which causes short stature. IGHD1A patients have an absence of GH with severe dwarfism and often develop anti-GH antibodies when given exogenous GH. Defects in GH1 are a cause of growth hormone deficiency isolated type 1B (IGHD1B) [MIM:612781]; also known as dwarfism of Sindh. IGHD1B is an autosomal recessive deficiency of GH which causes short stature. IGHD1B patients have low but detectable levels of GH. Dwarfism is less severe than in IGHD1A and patients usually respond well to exogenous GH. Defects in GH1 are the cause of Kowarski syndrome (KWKS) [MIM:262650]; also known as pituitary dwarfism VI. Defects in GH1 are a cause of growth hormone deficiency isolated type 2 (IGHD2) [MIM:173100]. IGHD2 is an autosomal dominant deficiency of GH which causes short stature. Clinical severity is variable. Patients have a positive response and immunologic tolerance to growth hormone therapy.
序列相似性	Belongs to the somatotropin/prolactin family.
细胞定位	Secreted.

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