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Datasheet

GH1 monoclonal antibody, clone GhG2

Catalog Number: MAB2838

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against recombinant GH1.

Clone Name: GhG2

Immunogen: Recombinant protein corresponding to human GH1.

Host: Mouse

Reactivity: Human

Applications: S-ELISA
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Isotype: IgG1

Recommend Usage: ELISA (1:1000000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.4 (0.09% sodium azide)

Storage Instruction: Store at 4°C.

Entrez GeneID: 2688

Gene Symbol: GH1

Gene Alias: GH, GH-N, GHN, hGH-N

Gene Summary: The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. The gene, along with four other related genes, is located at the growth hormone locus on chromosome 17 where they are interspersed in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. The five genes share a remarkably high degree of sequence identity. Alternative splicing generates additional isoforms of each of the five growth hormones, leading to further diversity and potential for specialization. This particular family member is expressed in the pituitary but not in placental tissue as is the case for the other four genes in the growth hormone locus. Mutations in or deletions of the gene lead to growth hormone deficiency and short stature. [provided by RefSeq]