

32-5743: Mouse Anti Human Growth Hormone(Clone:NYRhGH.)

Clonality :	Monoclonal
Clone Name :	NYRhGH.
Application :	ELISA,WB,IP
Gene :	GH1
Gene ID :	2688
Uniprot ID :	P01241
Format :	Purified
Alternative Name :	GH1,GH,GHN,GH-N,hGH-N,Pituitary growth hormone,Growth hormone 1,Somatotropin.
Isotype :	Mouse IgG1.
Immunogen Information :	r.Human Growth Hormone.

Description

GH 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.

Product Info

Amount :	1 mg
Purification :	Ion exchange.
Content :	1mg/ml in PBS (after reconstitution).
Storage condition :	In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.

Application Note

Direct ELISA, Western Blot, Immunoprecipitation.