

32-5755: Mouse Anti Human Insulin-Like Growth Factor-1(Clone:NYRhIGF1)

Clonality :	Monoclonal
Clone Name :	NYRhIGF1
Application :	ELISA,WB,IP
Gene :	IGF1
Gene ID :	3479
Uniprot ID :	P05019
Format :	Purified
Alternative Name :	Somatomedin C,IGF-I,IGFI,IGF1,IGF-IA,Mechano growth factor,MGF.
Isotype :	Mouse IgM
Immunogen Information :	r.Human Growth Hormone

Description

The somatomedins, or insulin-like growth factors (IGFs), comprise a family of peptides that play important roles in mammalian growth and development. IGF1 mediates many of the growth-promoting effects of growth hormone (GH; MIM 139250). Early studies showed that growth hormone did not directly stimulate the incorporation of sulfate into cartilage, but rather acted through a serum factor, termed 'sulfation factor,' which later became known as 'somatomedin' (Daughaday et al., 1972). Three main somatomedins have been characterized: somatomedin C (IGF1), somatomedin A (IGF2; MIM 147470), and somatomedin B (MIM 193190) (Rotwein, 1986; Rosenfeld, 2003).

Product Info

Amount :	1 mg
Purification :	Boric acid precipitation
Content :	1mg/ml in PBS (after reconstitution).
Storage condition :	Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.

Application Note

Direct ELISA, Western Blot, Immunoprecipitation.