BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-IGF1/Igf I Rabbit Monoclonal Antibody

Catalog Number: M00148

About IGF1

Insulin-like growth factor 1 (IGF-1) also known as somatomedin C or mechano growth factor is a protein that in humans is encoded by the IGF1 gene. IGF-1 is a hormone similar in molecular structure to insulin. It plays an important role in childhood growth and continues to have anabolic effects in adults. A synthetic analog of IGF-1, mecasermin is used for the treatment of growth failure. IGF-1 consists of 70 amino acids in a single chain with three intramolecular disulfide bridges. IGF-1 has a molecular weight of 7649 daltons.Justice et al. (1990) placed the mouse IGF1 gene on chromosome 10.

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Overview

Product Name	Anti-IGF1/Igf I Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-IGF1/Igf I Rabbit Monoclonal Antibody catalog # M00148. Tested in WB application. This antibody reacts with Human.
Application	WB
Clonality	Monoclonal DBG-9
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P05019

Technical Details

Immunogen	A synthesized peptide derived from human IGF1

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Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-1:2000

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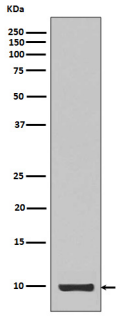
Anti-IGF1/Igf I Rabbit Monoclonal Antibody (M00148) Images



Western blot analysis of Calreticulin expression in IGF1 recombinant protein.

1 Publications Citing This Product

1. PubMed ID: 19424673, Treating Human Meniscal Fibrochondrocytes with hIGF-1 Gene by Liposome

Visit bosterbio.com/anti-igf1-rabbit-monoclonal-antibody-m00148-boster.html to see all 1 publications.

Anti-IGF1/Igf I Rabbit Monoclonal Antibody

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