

Rabbit Insulin-like Growth Factor-1 (IGF-1) Monoclonal Antibody | anti-IGF-1 antibody

Insulin-like Growth Factor-1 (IGF-1)

CATALOG # AAA214761	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Rabbit. Others not known.	APPLICATIONS Immunofluorescence, ELISA
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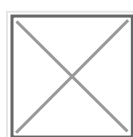
PRODUCT SYNONYMS

Insulin-like Growth Factor-1 (IGF-1); Monoclonal Antibody; Insulin-like Growth Factor IA (IGF-IA); Insulin-like Growth Factor IB (IGF-IB); Mechano Growth Factor (MGF); Somatomedin-C; anti-IGF-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Rabbit. Others not known.
Clonality	Monoclonal
Isotype	IgG
Clone Number	IGF1/2872R
Specificity	This antibody is specific to Insulin-like Growth Factor (IGF-1) and shows minimal cross-reaction with IGF-11, Proinsulin, MSF, and Insulin. IGF-1 is a polypeptide growth factor with two isoforms that are produced by alternative splicing. Isoform 1 is also known as IGF-IB while isoform 2 is known as IGF-IA. IGF-1 stimulates the proliferation of a wide range of cell types including muscle, bone and cartilage tissue. It functions as an autocrine regulator of growth. Activation of IGF system has emerged as a key factor for tumor progression and resistance to apoptosis in many cancers like those of breast, thyroid and colon.
Purity/Purification	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	153
Applicable Applications for anti-IGF-1 antibody	IF (Immunofluorescence), ELISA
Immunogen	Recombinant full-length human IGF-1 protein
Positive Control	Pancreas or brain. Breast, Thyroid or Colon Cancers; IGF-1 Recombinant Protein
Cellular Localization	Cytoplasmic (Secreted)
Chromosome Location	12q23.2
Preparation and Storage	Antibody without azide: Store at -20 to -80 degree C. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified IGF-1 Rabbit Recombinant Monoclonal Antibody (IGF1/2872R).
Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IGF-1 antibody	Recombinant Rabbit Monoclonal Antibody
References	Maiorano, E. et al. (2000). Appl.Histochem.Mol.Morphol. 8 (2):110-1

NCBI AND UNIPROT INFORMATION

NCBI GI #	11024682
NCBI GeneID	3479
NCBI Accession #	NP_000609.1
NCBI GenBank Nucleotide #	NM_000618.4
UniProt Accession #	P05019; P01343; Q14620; B2RWM7; E9PD02
Molecular Weight	~7.6kDa
NCBI Official Full Name	insulin-like growth factor I isoform 4 preproprotein
NCBI Official Synonym Full Names	insulin like growth factor 1
NCBI Official Symbol	IGF1
NCBI Official Synonym Symbols	IGF; MGF; IGFI; IGF-I
NCBI Protein Information	insulin-like growth factor I
UniProt Protein Name	Insulin-like growth factor I
UniProt Gene Name	IGF1
UniProt Synonym Gene Names	IBP1; IGF-I; MGF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/insulin-like-growth-factor-1-igf-1-antibody-clone-igf1-2872r-immunofluorescence-elisa/214761>