

Insulin Like Growth Factor I (IGF-I) Somatomedin C Monoclonal Antibody | anti-IGF1 antibody

MAb to Somatomedin C

CATALOG #	HOST	REACTIVITY
AAA57733	Host: Mouse Source: Tissue Culture Supernatant	ILGF-1: 100% ILGF-2: 1% Proinsulin: 1.4% MSF: 1% Insulin:

PRODUCT SYNONYMS

Insulin Like Growth Factor I (IGF-I) Somatomedin C; Monoclonal Antibody; MAb to Somatomedin C; Monoclonal Antibody to Human Insulin-Like Growth Factor Type I (IGF-1); Somatomedin C; anti-IGF1 antibody

PRODUCT SPECIFICATIONS

Host	Host: Mouse Source: Tissue Culture Supernatant
Reactivity	ILGF-1: 100% ILGF-2: 1% Proinsulin: 1.4% MSF: 1% Insulin: <0.1%
Clonality	Monoclonal
Isotype	IgG1
Specificity	Insulin Like Growth Factor I (IGF-I) Somatomedin C The basic IGF-1-like forms (pI>9.0) showed substantial cross-reactivity, as did rat and mouse sera. Monoclonal antibody BM23 was capable of abolishing the biological activities of IGF-1 in-vitro bioassays for insulin-like, mitogenic and sulphation activities.
Purity/Purification	Protein A chromatography
Form/Format	Purified, Liquid
Concentration	1mg/ml (OD280nm) (varies by lot)
Sequence Length	137
Immunogen	Purified human IGF-1 conjugated to ovalbumin
Affinity Constant	108-10 ⁹ l/mole
Buffer	PBS
Preservative	0.09% Sodium azide
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Warnings	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 - 1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.
Preparation and Storage	Short-term (up to 1 month) store at 2 to 8 degree C. Long term, aliquot and store at -20 degree C. Avoid multiple freeze/thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IGF1 antibody	Monoclonal Antibodies to Cytokines and Growth Factors
References	• Morrell, D.J., et al., (1989), J. Mol. Endocrinal, 2, 201-206 • Maiorano, E., et al., (2000), Appl. Immunohistochem. Mol. Morphol. 8 (2).

NCBI AND UNIPROT INFORMATION

NCBI GI #	184834
NCBI GeneID	3479
UniProt Accession #	Q14620; P05019; Q13429; Q59GC5; Q5U743; Q6LD41; Q9NP10
Molecular Weight	15,177 Da
NCBI Official Full Name	insulin-like growth factor I
NCBI Official Synonym Full Names	insulin-like growth factor 1 (somatomedin C)
NCBI Official Symbol	IGF1
NCBI Official Synonym Symbols	IGFI; IGF-I; IGF1A
NCBI Protein Information	insulin-like growth factor 1; MGF; IGF-IA; IGF-IB; somatomedin-C; OTTHUMP00000195080; OTTHUMP00000195081; OTTHUMP00000195082; OTTHUMP00000195083; OTTHUMP00000195084; mechano growth factor; insulin-like growth factor I; insulin-like growth factor IA; insulin-like growth factor IB
UniProt Protein Name	Insulin-like growth factor 1 (Somatomedin C), isoform CRA_c
UniProt Gene Name	IGF1
UniProt Entry Name	Q14620_HUMAN

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-i-igf-i-somatomedin-c-antibody-elisa/57733>