

Human IGF-I monoclonal antibody

Description

Human IGF-I antibody is a mouse monoclonal antibody (IgG1 kappa) which binds to human IGF-I. The antibody was prepared by immunising mice with IGF-I and synthetic peptides of IGF-I and has 100% cross-reactivity with Des [1-3] IGF-I and LR³IGF-I. Cross-reactivity to rat IGF-I is <4%. Cross-reactivity to chicken IGF-I, salmon IGF-I and human IGF-II is <0.4%.

Immunogen:	Human IGF-I and synthetic peptides of IGF-I
Source:	Produced in hybridoma cells derived from the SP2/0 myeloma cell line. Purified from conditioned medium by Protein A affinity chromatography
Specificity:	Cross-reacts 100% with Des [1-3] IGF-I and LR ³ IGF-I. Cross-reactivity to rat IGF-I is <4%. Cross-reactivity to chicken IGF-I, salmon IGF-I and human IGF-II is <0.4%
Appearance:	White powder lyophilized from phosphate buffered saline containing 60 mM trehalose
Storage/Stability:	At least 2 years at 2 - 8°C (lyophilized) After reconstitution store at -20°C or -80°C Avoid freeze-thaw cycles
Reconstitution:	Reconstitute in sterile water as outlined on the Certificate of Analysis
Applications:	GroPep recommends optimal dilutions/concentrations should be determined by the end user. ELISA (1/500 – 1/8000) Western Blot

Product Codes

Human IGF-I	100 µg	MAMU100
monoclonal antibody	200 µg	MAMU200

Related Products:	Human IGF-I antiserum (Rabbit) IGF-I polyclonal antibody (Rabbit) Human IGF-I (Receptor Grade) Human IGF-I (Media Grade)
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****NOT FOR USE IN HUMANS****

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