



# GroPep® Bioreagents

## Human LR<sup>3</sup> IGF-I monoclonal antibody

### Description

Human LR<sup>3</sup> IGF-I antibody is a mouse monoclonal antibody (IgG1 kappa) which binds to human LR<sup>3</sup> IGF-I. The antibody was prepared by immunising mice with IGF-I and synthetic peptides of IGF-I. It is available for purchase by laboratories who wish to set up their own LR<sup>3</sup> IGF-I ELISA 'in house'.

<b>Immunogen:</b>	Human IGF-I and synthetic peptides of IGF-I
<b>Source:</b>	Produced in hybridoma cells derived from the SP2/0 myeloma cell line. Purified from conditioned medium by Protein A affinity chromatography
<b>Specificity:</b>	Cross-reactivity to LR <sup>3</sup> IGF-I is 100%. The antibody also cross-reacts with human IGF-I and Des [1-3] IGF-I. Cross-reactivity to rat IGF-I is <4%. Cross-reactivity to human IGF-II is <0.4%
<b>Appearance:</b>	White powder lyophilized from phosphate buffered saline containing 60 mM trehalose
<b>Storage/Stability:</b>	At least 2 years at 2 - 8°C (lyophilized) After reconstitution store at -20°C or -80°C Avoid freeze-thaw cycles
<b>Reconstitution:</b>	Dissolve in 0.1 ml phosphate buffered saline and allow to stand at room temperature for 10 minutes. Dilute in a buffer suitable for the desired application
<b>Application and Titre:</b>	The antibody is sold as a separate component for the development of an 'in house' LR <sup>3</sup> IGF-I ELISA. It is characterised as the capture (coating) antibody

### Product Codes

<b>Human LR<sup>3</sup> IGF-I monoclonal antibody</b>	<b>100 µg</b>	<b>MAN100</b>
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<b>Related Products:</b>	Biotinylated Human LR <sup>3</sup> IGF-I monoclonal antibody Human LR <sup>3</sup> IGF-I (Receptor Grade) Human LR <sup>3</sup> IGF-I (Media Grade)
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**\*\*NOT FOR USE IN HUMANS\*\***

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