

## Human IGF type 1 receptor 24-55 monoclonal antibody (alpha chain)

### Description

Human IGF type 1 receptor antibody 24-55 is a mouse monoclonal antibody (IgG1) which recognizes an epitope within amino acids 440-586 of the extracellular domain ( $\alpha$ -chain) of the human IGF type 1 receptor. The antibody was prepared by immunising mice with a preparation of 3T3 cells which over-express the IGF type 1 receptor. The antibody cross reacts with the human IGF type 1 receptor but not the human or rat insulin receptor or the rat IGF type 1 receptor.

**References:** Soos MA *et al* (1992) Journal of Biological Chemistry **267**, 12955-12963

**Immunogen:** 3T3 cells over-expressing the IGF type 1 receptor

**Source:** Produced in hybridoma cells derived from the NS-1 myeloma cell line. Purified from conditioned medium by Protein A affinity chromatography

**Specificity:** Cross-reacts with the human IGF type I receptor, but not the human or rat insulin receptor or the rat IGF type 1 receptor

**Appearance:** Lyophilized white powder

**Storage/Stability:** At least 2 years at 2 - 4°C (lyophilized).  
After reconstitution store at -20°C or -80°C  
Avoid freeze-thaw cycles

**Reconstitution:** Dissolve in 200  $\mu$ l phosphate buffered saline pH 7.4

**Application and Titre:** Immunoprecipitation (1:5,000);  
Enzyme immunoassay (1:5,000);  
Fluorescence Activated Cell Sorting (1:5000)

### Product Codes and Pricing

Human IGF type 1 receptor monoclonal antibody 24-55	200 $\mu$ g	MAD1
--	-------------	------

**Related Products:** Human IGF type 1 receptor monoclonal antibody 26-3;  
Human IGF type 1 receptor monoclonal antibody CT-1;  
Human IGF type 1 receptor monoclonal antibody 16-13

**\*\*NOT FOR USE IN HUMANS\*\***

GroPep Bioreagents Pty Ltd  
51 West Thebarton Road  
Thebarton SA 5031  
Australia

ABN 93 147 032 166

Telephone: +61 8 8152 9360

Postal Address:  
PO Box 10065  
Adelaide Business Centre  
SA 5000  
Australia

Email:  
[info@gropep.com](mailto:info@gropep.com)

Internet:  
[www.gropep.com](http://www.gropep.com)