

distributed in the US/Canada by:  
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# GroPep Bioreagents



## Human IGF type 1 receptor CT-1 monoclonal antibody (C-terminal)

### Description

Human IGF type 1 receptor antibody CT-1 (IGFR 1-2) is a mouse monoclonal antibody (IgG1) that binds to the C-terminal intracellular domain of the human and rat IGF type 1 receptor. The antibody was prepared using the C-terminal hexadecapeptide of the human IGF type 1 receptor  $\beta$ -subunit (YRKNERALPLQSSTC). The antibody reacts with human and rat IGF type 1 receptors but not insulin receptors.

### References:

Soos MA *et al* (1993) Biochemical Journal **290**, 419-426

### Immunogen:

The hexadecapeptide YRKNERALPLQSSTC conjugated to keyhole limpet haemocyanin

### 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 and rat IGF type 1 receptor but not the human or rat insulin 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 100  $\mu$ l phosphate buffered saline pH 7.4

### Application and Titre:

Western immunoblotting (1:5,000);  
Immunoprecipitation (1:5,000);  
Enzyme immunoassay (1:5,000)

### Product Codes and Pricing

**Human IGF type 1 receptor  
monoclonal antibody CT-1**      **100  $\mu$ g**      **MAJ1**

### Related Products:

Human IGF type 1 receptor monoclonal antibody 26-3;  
Human IGF type 1 receptor monoclonal antibody 24-55;  
Human IGF type 1 receptor monoclonal antibody 16-13

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

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