



GroPep Bioreagents

Human insulin receptor CT-1 monoclonal antibody (C-terminal)

Description

Human insulin receptor antibody CT-1 is a mouse monoclonal antibody (IgG1) that recognizes an epitope within amino acids 1337-1355 in the C-terminal domain of the human insulin receptor. The antibody was prepared against a C-terminal peptide sequence of the human insulin receptor β -subunit (KKNRILTLPRSNPS). The antibody reacts with native human and rat insulin receptors in solution, whether or not insulin is bound and whether or not the receptor has undergone prior tyrosine autophosphorylation.

References:

Ganderton RH *et al* (1992) Biochemical Journal **288**, 195-205

Immunogen:

The hexadecapeptide YKKNRILTLPRSNPS conjugated to keyhole limpet haemocyanin or bovine serum albumin

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 insulin receptor, but not the human or rat type 1 IGF 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 μ l phosphate buffered saline pH 7.4

Application and Titre:

Each application and titre should be determined in house but as a guideline:
Western immunoblotting (1:5,000);
Immunoprecipitation (1:5,000);
Enzyme immunoassay (1:5,000)

Product Codes and Pricing

**Human insulin receptor
monoclonal antibody CT-1**

200 μ g

MAH1

Related Products:

Human insulin receptor monoclonal antibody 83-14;
Human insulin receptor monoclonal antibody 83-7

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

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