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# Insulin Receptor/INSR/CD220 Monoclonal Antibody

catalog number: AN200037P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### Description

Reactivity Human

Immunogen Recombinant Human Insulin Receptor/INSR/CD220 Protein

 Host
 Mouse

 Isotype
 IgG1

 Clone
 A881

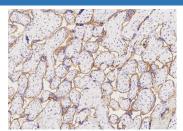
 Purification
 Protein A

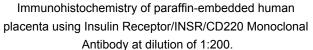
Buffer 0.2 µm filtered solution in PBS

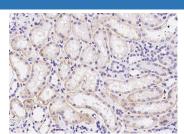
Applications Recommended Dilution

**IHC-P** 1:100-1:500

#### Data







Immunohistochemistry of paraffin-embedded human kidney using Insulin Receptor/INSR/CD220 Monoclonal Antibody at dilution of 1:200.

### **Preparation & Storage**

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

## Background

This gene encodes a member of the receptor tyrosine kinase family of proteins. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that form a heterotetrameric receptor. Binding of insulin or other ligands to this receptor activates the insulin signaling pathway, which regulates glucose uptake and release, as well as the synthesis and storage of carbohydrates, lipids and protein. Mutations in this gene underlie the inherited severe insulin resistance syndromes including type A insulin resistance syndrome, Donohue syndrome and Rabson-Mendenhall syndrome. Alternative splicing results in multiple transcript variants.

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