# Insulin Receptor beta antibody [CT-1]

## Cat. No. GTX25370

| | |
|---|---|
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Applications** | IP, ELISA, Purification |
| **Reactivity** | Human, Mouse, Rat |

Package
50 µg

## Applications

**Application Note**

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|---|---|
| IP | Assay dependent |
| ELISA | As capture antibody only |
| Purification | Assay dependent |

Not tested in other applications.

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|---|---|
| **Product Note** | This antibody is specific for the approximately 95 kDa IR and shows no cross-reactivity with insulin like growth factor (IGF) receptors. Phosphorylation of the threonine residue within this sequence (corresponding to threonine 1348) decreases the affinity of this antibody for IR by approximately 100 fold. This antibody reacts with autophosphorylated IR, unoccupied IR, and the insulin IR complex. It has no effect on insulin-stimulated autophosphorylation. |

## Properties

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|---|---|
| **Form** | Liquid |
| **Storage** | Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4ºC. DO NOT FREEZE. |
| **Immunogen** | A 15-mer synthetic peptide corresponding to aa Tyr-KKNGRILTLPRSNPS from the C-terminal of human insulin receptor β-subunit |
| **Purification** | Unpurified |
| **Conjugation** | Unconjugated |
| **Note** | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.<br><br>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product. |

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