# Recombinant Glucagon receptor Antibody

Rabbit Monoclonal Antibody [Clone GCGR/9724R]

| Catalog No | Format | Size |
|---|---|---|
| 2642-RBM3-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 2642-RBM3-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 2642-RBM3-P1ABX | Purified Ab WITHOUT BSA or Azide at 1.0mg/ml | 100 ug |

| Applications | Tested Dillution | Note |
|---|---|---|
| Flow Cytometry (Flow) | 1-2ug/million cells | |

## Product Details

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|---|---|
| **Clone** | GCGR/9724R |
| **Immunogen** | Recombinant human GCGR protein |
| **Host** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG / Kappa |
| **Mol. Weight of Antigen** | 54.01kDa |
| **Cellular Localization** | Cell membrane |
| **Species Reactivity** | Human |

**Optimal dilution for a specific application should be determined.*

## Product Images for Recombinant Glucagon receptor Antibody

### Specificity & Comments

G-protein coupled receptor for glucagon that plays a central role in the regulation of blood glucose levels and glucose homeostasis. Regulates the rate of hepatic glucose production by promoting glycogen hydrolysis and gluconeogenesis. Plays an important role in mediating the responses to fasting. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Promotes activation of adenylate cyclase. Besides, plays a role in signaling via a phosphatidylinositol-calcium second messenger system.

### Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.