



# GLP-1R Monoclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-13274                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>                   | GLP1R                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from human GLP1R. AA range:101-150                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Specificity</b>                 | GLP-1R Monoclonal Antibody detects endogenous levels of GLP-1R protein.                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>                      | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purification</b>                | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                               |
| <b>Dilution</b>                    | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>                    | GLP 1 R;GLP 1 receptor;GLP 1R;GLP-1 receptor;GLP-1R;GLP1R;Glucagon-like peptide 1 receptor;GLP-1-R                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Observed Band</b>               | 53kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Calculated Molecular Weight</b> | 53kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cell Pathway</b>                | Cell membrane ; Multi-pass membrane protein .                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Tissue Specificity</b>          | Gastric carcinoma,Insulinoma,Pancreas,Pancreatic islet,Placenta,                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Function</b>                    | function:This is a receptor for glucagon-like peptide 1. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.,online information:Glucagon-like peptide 1 entry,similarity:Belongs to the G-protein coupled receptor 2 family.,                                                                                                                                                                                                                 |
| <b>Background</b>                  | glucagon like peptide 1 receptor(GLP1R) Homo sapiens This gene encodes a 7-transmembrane protein that functions as a receptor for glucagon-like peptide 1 (GLP-1) hormone, which stimulates glucose-induced insulin secretion. This receptor, which functions at the cell surface, becomes internalized in response to GLP-1 and GLP-1 analogs, and it plays an important role in the signaling cascades leading to insulin secretion. It also displays neuroprotective effects in |



animal models. Polymorphisms in this gene are associated with diabetes. The protein is an important drug target for the treatment of type 2 diabetes and stroke. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2016],

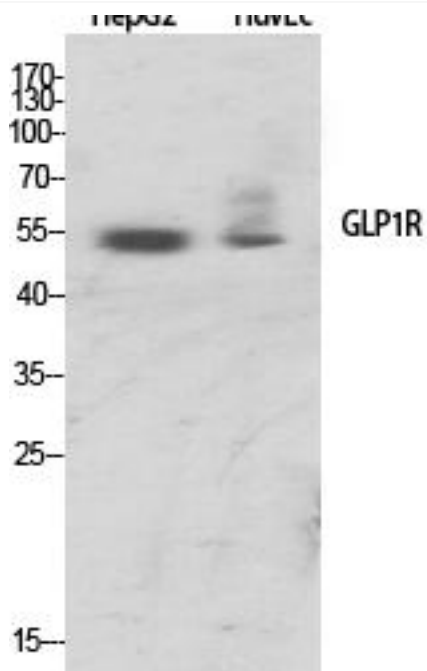
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western Blot analysis of various cells using GLP-1R Monoclonal Antibody