## PRODUCT INFORMATION

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|---|---|
| **Clone ID** | 1A4 |
| **Target** | GLP1R |
| **Synonyms** | GLP-1;GLP-1-R;GLP-1R |
| **Host Species** | Rabbit |
| **Description** | Anti-GLP1R antibody(1A4), Rabbit mAb |
| **Delivery** | In Stock |
| **Uniprot ID** | P43220 |
| **IgG type** | Rabbit IgG |
| **Clonality** | Monoclonal |
| **Reactivity** | Human |
| **Applications** | Flow Cyt |
| **Recommended Dilutions** | Flow Cyt 1/100 |
| **Purification** | Purified from cell culture supernatant by affinity chromatography |
| **Formulation & Reconstitution** | Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| **Storage&Shipping** | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). |
| **Background** | 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] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

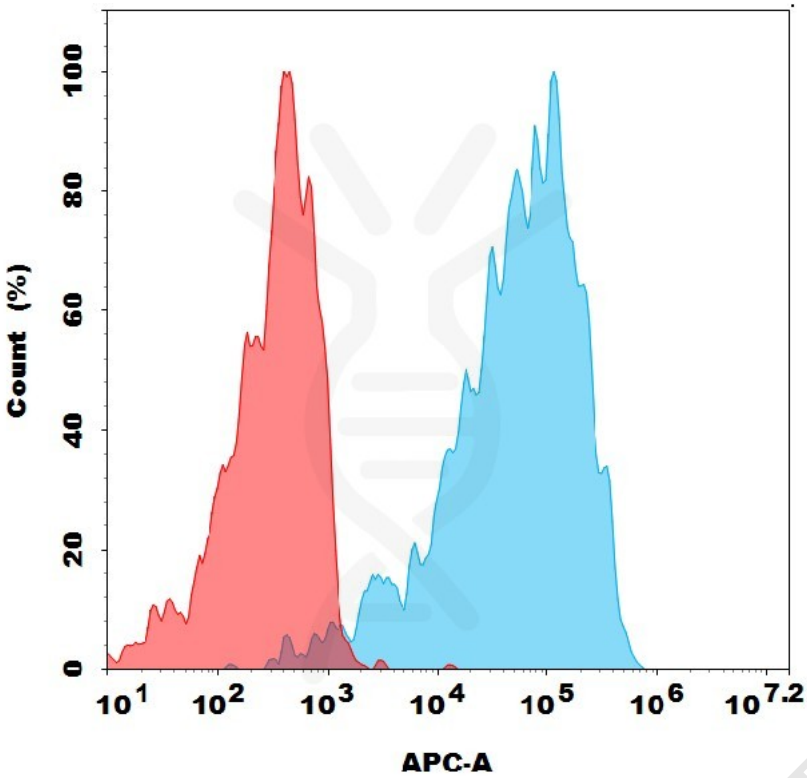


Figure 1. Flow cytometry analysis with 2μg/mL Anti-GLP1R (1A4) mAb on HEK293 cells transfected with human GLP1R (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).