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12-90493: Anti-GLP1R antibody(1A4), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	1A4
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	GLP1R
Uniprot ID :	P43220
Alternative Name :	GLP-1;GLP-1-R;GLP-1R
Isotype :	Rabbit IgG

Description

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]

Product Info

Amount :	100 µg / 10 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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).

Application Note

Flow Cyt 1/100

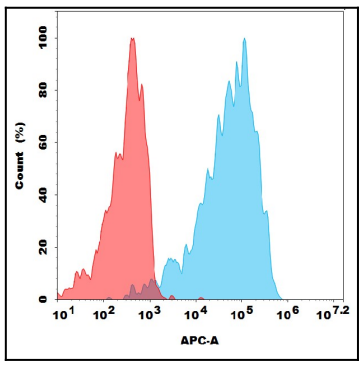


Figure 1. Flow cytometry analysis with 2µg/mL Anti-GLP1R (1A4) mAb on HEK293 cells transfected with human GLP1R (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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