

Anti-GLP1R Antibody (5V590)

Product Details

Ig Type:	Human IgG4
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	5V590
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. The Binding Activity of GLP1R with anti-GLP1R antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human GLP1R at 2 µg/mL can bind Anti-GLP1R recombinant antibody, the EC50 is 54.54-94.23 ng/mL.</p> <p>2. Untransfected HEK-293T cells surface (green line) and transfected Human GLP1R HEK-293T stable cells surface (red line) were stained with anti-GLP1R antibody (2µg/1*10⁶ cells), washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.</p>
Application:	ELISA

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human GLP1R Protein
Antigen Species:	Human
Gene ID:	2740
Uniprot ID:	P43220
Biology Area:	Immunology

Research Background

G-protein coupled receptor for glucagon-like peptide 1 (GLP-1). Ligand binding triggers activation of a signaling cascade that leads to the activation of adenylyl cyclase and increased intracellular cAMP levels. Plays a role in regulating insulin secretion in response to GLP-1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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