Human GLP-1R
Alexa Fluor® 700-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 197920

Catalog Number: FAB2814N
100 Tests

DESCRIPTION

Species Reactivity	Human
Specificity	Stains human GLP-1R transfectants but not irrelevant transfectants in flow cytometry.
Source	Monoclonal Mouse IgG_{2B} Clone # 197920
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human GLP-1R Arg24-Ser463 Accession # NP_002053
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

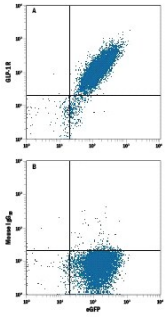
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Flow Cytometry	5 µL/10^6 cells	See Below

DATA

Flow Cytometry



Detection of GLP-1R in HEK293 Human Cell Line Transfected with Human GLP-1R and eGFP by Flow Cytometry. HEK293 human embryonic kidney cell line transfected with human GLP-1R and eGFP was stained with either (A) Mouse Anti-Human GLP-1R Alexa Fluor® 700-conjugated Monoclonal Antibody (Catalog # FAB2814N) or (B) Mouse IgG_{2B} Alexa Fluor 700 Isotype Control (Catalog # IC0041N). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

GLP-1R is a class BG protein-linked seven transmembrane domain protein that is expressed in pancreas, lung, heart, kidney, hypothalamus, and stomach. GLP-1R functions as a receptor for glucagon-like peptide 1 and regulates insulin and glucagon production.

PRODUCT SPECIFIC NOTICES

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