

Human GLP-1R APC-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 197920

Catalog Number: FAB2814A

100 TESTS

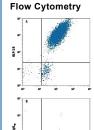
DESCRIPTION			
Species Reactivity	Human		
Specificity	Stains human GLP-1R-transfected CHO cells but not irrelevant transfectants.		
Source	Monoclonal Mouse IgG _{2B} Clone # 197920		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	NS0 mouse myeloma cell line transfected with human GLP-1R Arg24-Ser463 Accession # NP_002053		
Conjugate	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 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	10 μL/10 ⁶ cells	See Below

DATA



Detection of GLP-1R in HEK293 Human CeII 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 APC-conjugated Monoclonal Antibody (Catalog # FAB2814A) or (B) Mouse IgG₂₈ Allophycocyanin Isotype Control (Catalog # IC0041A). 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.

