



Mouse Anti-Human GLP1R monoclonal antibody, clone 4G63 (DMAB-JXL23100)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	GLP-1R extracellular domain aa 24-145
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4G63
Purification	Unpurified
Conjugate	Unconjugated
Applications	ELISA, BL, IF, IHC, WB Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Size	1 ml
Storage	Store at -20°C. Avoid multiple freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction 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.
