



Mouse Anti-Human GLP-1(aa 9-37) monoclonal antibody, clone 21 [Biotin] (DCABY-4441)

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

PRODUCT INFORMATION

Product Overview	Anti-GLP-1 (Non-amidated (-Arg-Gly), C-terminal specific) monoclonal antibody
Specificity	DCABY-4441 binds GLP-1(1-37), GLP-1(7-37) and GLP-1(9-37). Cross-reaction with C-terminally amidated GLP-1 is 0-16% in various circumstances.
Immunogen	Synthetic GLP-1(9-37)
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	21
Purification	Protein A purified
Conjugate	Biotin
Applications	ELISA(Det)
Epitope	C-terminus of GLP-1(1-37), GLP-1(7-37) and GLP-1(9-37)
Format	Liquid
Concentration	Lot specific
Buffer	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl
Preservative	15mM Sodium Azide

Storage 4-8°C without exposure to light. No precautions necessary during handling.

Ship Wet ice

BACKGROUND

Introduction GLP-1(7-36) amide is the principal active form of GLP-1, the other being GLP-1(7-37). GLP-1 is a peptide hormone of the glucagon family, produced by the L cells of the intestinal mucosa from the same prohormone as glucagon. The active forms are potent stimulators of glucose-dependent insulin secretion. The sequence of GLP-1 is fully conserved in all mammalian species examined so far.

Keywords GCG;glucagon;GLP1;GLP2;GRPP;preproglucagon

GENE INFORMATION

Entrez Gene ID [2641](#)

UniProt ID [P01275](#)
