



Mouse Anti-Human GLP-1(aa 7-17) monoclonal antibody, clone N92692 (DCABY-MU444)

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

PRODUCT INFORMATION

Product Overview	Anti-GLP-1(7-37) and GLP-1(7-36)amide (N-terminal specific) monoclonal antibody
Specificity	This clone is highly specific to the free, unextended and untruncated N-terminus of the active forms of GLP-1. In inhibition ELISA this clone shows 0.25% or less cross-reactivity with either the N-terminally extended GLP-1(1-36) amide or the inactive N-terminally truncated products of DPP-4 digestion. It also cross-reacts about 50% with exendin-4.
Immunogen	Synthetic GLP-1(7-17)
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	N92692
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA
Epitope	Free N-terminus of GLP-1(7-37) and GLP-1(7-36)amide.
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 Glucagon-like peptide 1(7-36)amide (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](#)