



Mouse Anti-Human GLP-1(aa 7-36) monoclonal antibody, clone N92637 (DCABY-4437)

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

PRODUCT INFORMATION

Product Overview	Anti-GLP-1 (GLP-1(7-36)amide, C-terminal specific) monoclonal antibody
Specificity	This clone binds specifically to the amidated C-terminus of GLP-1 in both the active peptide GLP-1(7-36)amide and the corresponding N-terminally extended or truncated peptides, GLP-1(1-36)amide and GLP-1(9-36)amide. It performs very well as a capture antibody for these C-terminally amidated peptides and shows less than 0.1% cross-reactivity with the non-amidated forms (37Gly-OH).
Immunogen	Synthetic GLP-1(7-36)amide coupled to carrier
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	N92637
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(Cap), IHC
Epitope	C-terminal epitope of 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](#)