



Mouse Anti-Human GLP-1(aa 1-36) monoclonal antibody, clone N92690 (DCABY-4439)

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

PRODUCT INFORMATION

Product Overview	Anti-GLP-1(1-36)amide (N-terminal-extension specific) monoclonal antibody
Specificity	DCABY-4439 is specific for the N-terminal region (residues 1-6) of the GLP-1. No cross-reactivity with GLP-1 (7-36) amide or (7-37). DCABY-4439 reacts with the low activity enzyme GLP-1(1-36)amide, but not with either of the activated forms GLP-1(7-36)amide and GLP-1(7-37)amide
Immunogen	Synthetic peptide
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	N92690
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, WB
Epitope	Residues 1-6 of GLP-1
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](#)