



# 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

<b>Product Overview</b>	Anti-GLP-1(7-37) and GLP-1(7-36)amide (N-terminal specific) monoclonal antibody
<b>Specificity</b>	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.
<b>Immunogen</b>	Synthetic GLP-1(7-17)
<b>Isotype</b>	IgG2a, κ
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	N92692
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Epitope</b>	Free N-terminus of GLP-1(7-37) and GLP-1(7-36)amide.
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Buffer</b>	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl

<b>Preservative</b>	15mM Sodium Azide
<b>Storage</b>	4-8°C without exposure to light. No precautions necessary during handling.
<b>Ship</b>	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](#)