

## 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**

SpecificityThis 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.ImmunogenSynthetic GLP-1(7-17)IsotypeIgG2a, κSource/HostMousePrecise ReactivityHumanCloneN92692PurificationProtein A purifiedApplicationsELISAEpitopeFree N-terminus of GLP-1(7-37) and GLP-1(7-36)amide.FormatLiquidConcentrationLiquidBuffer0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl	Product Overview	Anti-GLP-1(7-37) and GLP-1(7-36)amide (N-terminal specific) monoclonal antibody
IsotypeIgG2a, κSource/HostMouseSpecies ReactivityHumanCloneN92692PurificationProtein A purifiedConjugateUnconjugatedApplicationsELISAEpitopeFree N-terminus of GLP-1(7-37) and GLP-1(7-36)amide.FormatLiquid	Specificity	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
Source/HostMouseSpecies ReactivityHumanCloneN92692PurificationProtein A purifiedConjugateUnconjugatedApplicationsELISAEpitopeFree N-terminus of GLP-1(7-37) and GLP-1(7-36)amide.FormatLiquidConcentrationLot specific	Immunogen	Synthetic GLP-1(7-17)
Species ReactivityHumanCloneN92692PurificationProtein A purifiedConjugateUnconjugatedApplicationsELISAEpitopeFree N-terminus of GLP-1(7-37) and GLP-1(7-36)amide.FormatLiquidConcentrationLot specific	Isotype	IgG2a, κ
CloneN92692PurificationProtein A purifiedConjugateUnconjugatedApplicationsELISAEpitopeFree N-terminus of GLP-1(7-37) and GLP-1(7-36)amide.FormatLiquidConcentrationLot specific	Source/Host	Mouse
PurificationProtein A purifiedConjugateUnconjugatedApplicationsELISAEpitopeFree N-terminus of GLP-1(7-37) and GLP-1(7-36)amide.FormatLiquidConcentrationLot specific	Species Reactivity	Human
ConjugateUnconjugatedApplicationsELISAEpitopeFree N-terminus of GLP-1(7-37) and GLP-1(7-36)amide.FormatLiquidConcentrationLot specific	Clone	N92692
ApplicationsELISAEpitopeFree N-terminus of GLP-1(7-37) and GLP-1(7-36)amide.FormatLiquidConcentrationLot specific	Purification	Protein A purified
Epitope   Free N-terminus of GLP-1(7-37) and GLP-1(7-36)amide.     Format   Liquid     Concentration   Lot specific	Conjugate	Unconjugated
Format Liquid   Concentration Lot specific	Applications	ELISA
Concentration Lot specific	Epitope	Free N-terminus of GLP-1(7-37) and GLP-1(7-36)amide.
	Format	Liquid
Buffer 0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl	Concentration	Lot specific
	Buffer	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl

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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	<u>2641</u>
UniProt ID	<u>P01275</u>