



# Mouse Anti-Human GLP-1(aa 7-36) monoclonal antibody, clone N92630 (DCABY-4436)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Anti-GLP-1 (Mid-molecule specific) monoclonal antibody This clone binds to GLP-1 when coated directly onto the microtiter well, and binds GLP-1(7-36)amide in solution giving a $K_a$ of $4.0 \times 10^8$ in inhibition ELISA. It cross-reacts <0.4% with coated glucagon. In inhibition ELISA no binding of free glucagon in solution is detected, giving an estimated cross-reactivity of <0.2%.
<b>Specificity</b>	Reacts with all forms of GLP-1, including precursor and GLP-1(9-37) /GLP-1(9-36amide) metabolite DCABY-4436 cross-reacts with Liraglutide.
<b>Immunogen</b>	Synthetic GLP-1(7-36)amide coupled to carrier
<b>Isotype</b>	IgG1, $\kappa$
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	N92630
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(Cap), WB, IHC
<b>Epitope</b>	Mid-molecular epitope of GLP-1
<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](#)