



# Mouse Anti-Human GLP-1(aa 9-37) monoclonal antibody, clone 21 [Biotin] (DCABY-4441)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Anti-GLP-1 (Non-amidated (-Arg-Gly), C-terminal specific) monoclonal antibody
<b>Specificity</b>	DCABY-4441 binds GLP-1(1-37), GLP-1(7-37) and GLP-1(9-37). Cross-reaction with C-terminally amidated GLP-1 is 0-16% in various circumstances.
<b>Immunogen</b>	Synthetic GLP-1(9-37)
<b>Isotype</b>	IgG1, κ
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	21
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	ELISA(Det)
<b>Epitope</b>	C-terminus of GLP-1(1-37), GLP-1(7-37) and GLP-1(9-37)
<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

**Storage** 4-8°C without exposure to light. No precautions necessary during handling.

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**Ship** Wet ice

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## BACKGROUND

**Introduction** 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.

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**Keywords** GCG;glucagon;GLP1;GLP2;GRPP;preproglucagon

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## GENE INFORMATION

**Entrez Gene ID** [2641](#)

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**UniProt ID** [P01275](#)

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