



Mouse Anti-Human GLP-1(aa 7-36) monoclonal antibody, clone N92630 [Biotin] (DCABY-4442)

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

PRODUCT INFORMATION

Product Overview	Anti-GLP-1 (Mid-molecule specific) monoclonal antibody
Specificity	Reacts with all forms of GLP-1, including precursor and GLP-1(9-37) /GLP-1(9-36amide) metabolite. DCABY-4442 cross-reacts with Liraglutide.
Immunogen	Synthetic GLP-1(7-36)amide coupled to carrier
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	N92630
Purification	Protein A purified
Conjugate	Biotin
Applications	ELISA(Det)
Epitope	Mid-molecular epitope 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.
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Keywords	GCG;glucagon;GLP1;GLP2;GRPP;preproglucagon
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GENE INFORMATION

Entrez Gene ID	2641
UniProt ID	P01275