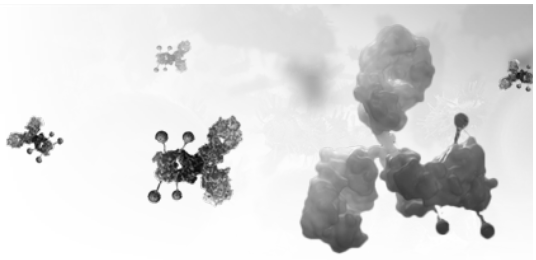

Mouse Anti-Human GLP-1(aa 7-17) monoclonal antibody, clone N92496 (DCABY-4434)

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

PRODUCT INFORMATION

Product Overview	Anti-GLP-1(7-37) and GLP-1(7-36)amide (N-terminal specific) monoclonal antibody
Specificity	DCABY-4434 binds the free N-terminus of GLP-1(7-37) and GLP-1(7-36)amide and shows <0.2% cross-reactivity with GLP-1(1-37), GLP-1(9-36)amide, glucagon, human GIP and exendin-4. Cross-reacts approximately 1% with human GLP-2.
Immunogen	Synthetic GLP-1(7-17)
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human, Mouse
Clone	N92496
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, IHC
Epitope	Free N-terminus of GLP-1(7-37) and GLP-1(7-36)amide.
Format	Liquid
Concentration	Lot specific
Buffer	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl
Preservative	15mM Sodium Azide

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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	2641
UniProt ID	P01275

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