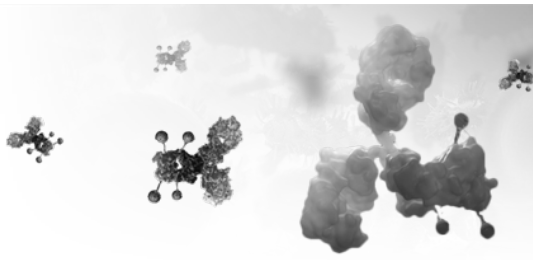

Mouse Anti-Human Glucagon(N-term) monoclonal antibody, clone N9247 [Biotin] (DCABY-L4411)

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

PRODUCT INFORMATION

Product Overview	Anti-GLP-1 (N-terminal) monoclonal antibody
Specificity	This clone binds human glucagon.
Immunogen	Synthetic N-terminal fragment of glucagon coupled to carrier
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human, Pig, Rat
Clone	N9247
Purification	Protein A purified
Conjugate	Biotin
Applications	ELISA(Det)
Epitope	The epitope lies within the N-terminal half of human glucagon
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(9-36)amide and GLP-1(9-37) are the forms of GLP-1 that result from the rapid degradation of the active forms of the peptide (GLP-1(7-36)amide and GLP-1(7-37)) by the enzyme dipeptidyl peptidase-IV (DPP-IV, also known as CD26 or adenosine deaminase binding protein). 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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