



Mouse Anti-Human GLP-1(aa 9-18) monoclonal antibody, clone N92484 (DCABY-4433)

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

PRODUCT INFORMATION

Product Overview	Anti-GLP-1(9-37) and GLP-1(9-36)amide (N-terminal specific) monoclonal antibody
Specificity	DCABY-4433 binds human GLP-1(9-36)amide Based on inhibition ELISA, DCABY-4433 cross-reacts 3% with GLP-1(7-36)amide
Immunogen	Synthetic GLP-1(9-18)
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	N92484
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(Cap), WB
Epitope	The free N-terminus of GLP-1(9-36)amide and GLP-1(9-37)
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(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](#)
