



Mouse Anti-Human GLP-1(aa 9-37) monoclonal antibody, clone 21 (DCABH-1274)

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

PRODUCT INFORMATION

Product Overview	Anti-Human GLP-1 (C-terminal) monoclonal antibody
Specificity	DCABH-1274 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.
Immunogen	Synthetic GLP-1(9-37)
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	21
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(Cap), WB
Epitope	C-terminus of GLP-1(1-37), GLP-1(7-37) and GLP-1(9-37)
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl

Preservative	0.1% Sodium Azide
Storage	4-8°C without exposure to light. No precautions necessary during handling.
Ship	Wet ice

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.

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

GENE INFORMATION

Entrez Gene ID	2641
UniProt ID	P01275