



Magic™ Anti-GLP-1 monoclonal antibody, clone N92644 (DCABY-4438)

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

PRODUCT INFORMATION

Antigen Description	GLP1 is an incretin derived from the transcription product of the proglucagon gene. The major source of GLP-1 in the body is the intestinal L cell that secretes GLP-1 as a gut hormone.
Specificity	It binds GLP1(1-37), GLP1(7-37) and GLP1(9-37)
Immunogen	GLP1 antibody was raised in Mouse using Synthetic GLP-1(9-18) as the immunogen
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	N92644
Purification	GLP1 antibody was purified from cell culture supernatant by protein A/G chromatography
Conjugate	Unconjugated
Applications	ELISA Pr*, WB Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4438 - DCABY-4444
Format	Liquid
Size	200 µg
Buffer	Supplied in 0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
Preservative	15mM Sodium Azide
Storage	Store at 4-8 °C without exposure to light

GENE INFORMATION

Gene Name	GCG glucagon [Homo sapiens]
Official Symbol	GCG
Synonyms	GCG; glucagon; GLP1; GLP2; GRPP; preproglucagon; glucagon-like peptide 1; glucagon-like peptide 2; glicentin-related polypeptide;
Entrez Gene ID	2641
Protein Refseq	NP_002045
UniProt ID	P01275
Chromosome Location	2q36-q37
Pathway	Class B/2; FOXA1 transcription factor network; G alpha signalling events; G alpha signalling events; GPCR downstream signaling; GPCR ligand binding; Gastrin-CREB signalling pathway via PKC and MAPK; Glucagon signaling in metabolic regulation;
Function	glucagon receptor binding; hormone activity; identical protein binding; protein binding; receptor binding;