



Rabbit Anti-Human GLP-2 monoclonal antibody, clone 29H22 (DMAB-JXL23112)

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

PRODUCT INFORMATION

Immunogen	A synthesized peptide derived from human GLP2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	29H22
Purification	Affinity chromatography
Conjugate	Unconjugated
Applications	WB 1:500-1:2000 Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	Lot specific
Size	100 µl
Buffer	PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Preservative	0.02% sodium azide
Storage	Store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction

Glucagon-like peptide-2 (GLP-2) is a 33-aa peptide corresponding to aa 146-178 of glucagon. GLP-2 is liberated in the intestinal L cells after glucagon processing. GLP-2 stimulates intestinal growth and up-regulates villus height in the small intestine, concomitant with increased crypt cell proliferation and decreased enterocyte apoptosis. The gastrointestinal tract from the stomach to the colon is the principal target for the GLP-2 action. GLP-2 plays a key role in nutrient homeostasis, enhancing nutrient assimilation through enhanced gastrointestinal function as well as increasing nutrient disposal. GLP-2 also stimulates intestinal glucose transport and decreases mucosal permeability.

GENE INFORMATION

Synonyms

Glucagon; Glucagon-like peptide 2; GLP-2; GCG; GLP2

Entrez Gene ID

[2641](#)

UniProt ID

[P01275](#)
