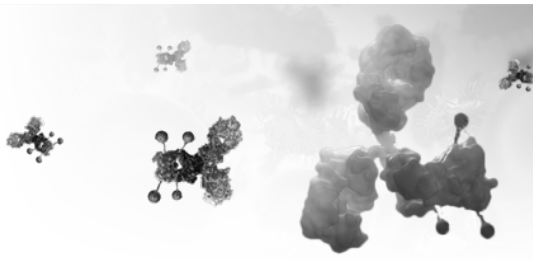

Rabbit Anti-Human GLP-2 monoclonal antibody, clone BSD2254 (DMAB-JXL23111)

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

PRODUCT INFORMATION

Immunogen	A synthetic peptide corresponding to a sequence within amino acids 81-180 of human GCG (P01275)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	BSD2254
Purification	Affinity chromatography
Conjugate	Unconjugated
Applications	ELISA; IHC-P 1:50 - 1:200; ICC/IF 1:50 - 1:200 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	50 µl, 100 µl, 200 µl
Buffer	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Preservative	0.02% sodium azide
Storage	Store at -20°C. Avoid freeze / thaw cycles.

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Ship	Wet ice

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

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