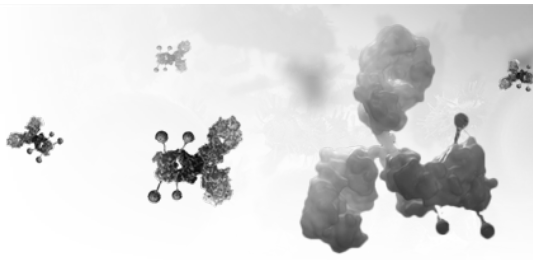

Rabbit Anti-Human Intrinsic Factor monoclonal antibody, clone S127 (CABT-ZB810)

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

PRODUCT INFORMATION

Specificity	It reacts with Human Intrinsic Factor
Target	GIF
Immunogen	Recombinant Human Gastric intrinsic factor/GIF Protein
Isotype	IgG1
Source/Host	Rabbit
Species Reactivity	Human
Clone	S127
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, ELISA(cap) This antibody will detect Intrinsic Factor in antibody pair set. [ABPR-ZB390]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human Gastric intrinsic factor / GIF.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL
Buffer	PBS

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Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Gastric intrinsic factor, also known as GIF, belongs to the of the cobalamin transport protein family. It is a glycoprotein produced by the parietal cells of the stomach. Gastric intrinsic factor plays a key role in the absorption of vitamin B12 on in the small intestine. Vitamin B12 bounds to haptocorrin after entry into the stomach. The resulting complex enters the duodenum, where pancreatic enzymes digest haptocorrin. In the less acidic environment of the small intestine, B12 can then bind to gastric intrinsic factor. This new complex travels to the ileum, where special epithelial cells endocytose them. Inside the cell, B12 dissociates once again and binds to another protein, transcobalamin II. The new complex can exit the epithelial cells to enter the liver.
Keywords	GIF; gastric intrinsic factor (vitamin B synthesis); IF; INF

GENE INFORMATION

Synonyms	GIF; gastric intrinsic factor (vitamin B synthesis); IF; INF; IFMH; TCN3; gastric intrinsic factor; intrinsic factor
Entrez Gene ID	4282
UniProt ID	P14174

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