



Mouse anti-Human CPA3 monoclonal antibody, clone 3E2 (CABT-B10024)

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

PRODUCT INFORMATION

Immunogen	CPA3 (NP_001861, 318 a.a. ~ 418 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3E2
Conjugate	Unconjugated
Applications	sELISA, ELISA
Sequence Similarities	SKLPPNHEDLAKVAKIGTDVLSTRYETRYIYGPIESTIYPISGSSLDWAYDLGIKHTFAF ELRDKKGKFGFLLPESRIKPTCRETMLAVKFIAKYILKHTS*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Three different forms of human pancreatic procarboxypeptidase A have been isolated. This gene encodes a form which is obtained as a binary complex of a procarboxypeptidase A with
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proproteinase E and functions as a secretory granule metalloexopeptidase. [provided by RefSeq, Jan 2009]

Keywords CPA3; carboxypeptidase A3 (mast cell); MC-CPA; mast cell carboxypeptidase A; tissue carboxypeptidase A;

GENE INFORMATION

Entrez Gene ID [1359](#)

UniProt ID [P15088](#)

Pathway Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem; Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem; Renin-angiotensin system, organism-specific biosystem; Renin-angiotensin system, conserved biosystem

Function metal ion binding; metallocarboxypeptidase activity; metallocarboxypeptidase activity; metallopeptidase activity; peptidase activity; zinc ion binding