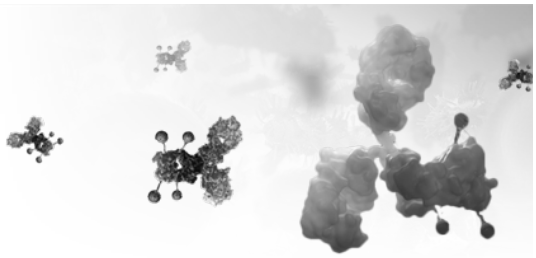

Mouse anti-Human GGT5 monoclonal antibody, clone 4F21 (CABT-B10320)

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

PRODUCT INFORMATION

Immunogen	GGTLA1 (-, 510 a.a. ~ 587 a.a) partial recombinant protein with GST tag.
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Human
Clone	4F21
Conjugate	Unconjugated
Applications	WB,ELISA
Sequence Similarities	GFDLRAAIAAPILHVNSKGCVEYEPNFSQEVQRGLQDRGQNQTQRPFFLNVVQAVSQEGACVYAVSDLRKSGEAAGY*
Format	Liquid
Size	200 µl
Buffer	In ascites fluid
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene is a member of the gamma-glutamyl transpeptidase gene family, and some reports indicate that it is capable of cleaving the gamma-glutamyl moiety of glutathione. The protein encoded by this gene is synthesized as a single, catalytically-inactive polypeptide, that is

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	processed post-transcriptionally to form a heavy and light subunit, with the catalytic activity contained within the small subunit. The encoded enzyme is able to convert leukotriene C4 to leukotriene D4, but appears to have distinct substrate specificity compared to gamma-glutamyl transpeptidase. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2014]
Keywords	GGT5; gamma-glutamyltransferase 5; GGL; GGT 5; GGTLA1; GGT-REL; glutathione hydrolase 5; leukotriene-C4 hydrolase; gamma-glutamyl cleaving enzyme; gamma-glutamyltranspeptidase 5; gamma-glutamyltransferase-like activity 1; gamma-glutamyl transpeptidase-related enzyme; gamma-glutamyl transpeptidase-related protein;

GENE INFORMATION

Entrez Gene ID	2687
UniProt ID	Q6GMP0
Pathway	Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Biological oxidations, organism-specific biosystem; Cyanoamino acid metabolism, organism-specific biosystem; Cyanoamino acid metabolism, conserved biosystem; Glutathione conjugation, organism-specific biosystem
Function	acyltransferase activity; gamma-glutamyltransferase activity; gamma-glutamyltransferase activity; transferase activity

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