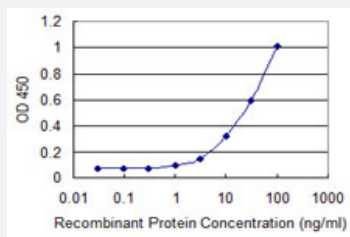


LCMT1 monoclonal antibody (M15), clone 3D3

Catalog # H00051451-M15

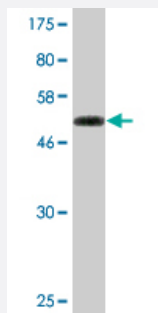
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LCMT1 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (62.48 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant LCMT1.

Immunogen

LCMT1 (AAH01214, 1 a.a. ~ 334 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MATRQRESSITSCCSTSSCDADDEGVRGTCEDASLCKRFAVSIGYWHDPYIQHFVRLSKERKAP
EINRGYFARVHGVSQLIKAFLRKTECHCQIVNLGAGMDTTFWRLKDEDLLPSKYFEVD FPMVTRK
LHSICKPPLSSPILELHSEDTLQMDGHILDSKRYAVIGADLRDLSELEEKLLKCNMNTQLPTLLIAE
CVLVYMTPEQSANLLKWAANSFERAMFINYEQVNMGDRFGQMIENLRRRQC DLAGVETCKSLES
QKERLLSNGWETASAVDMMELYNRLPRAEVSRIESLEFLDEMELLEQLMRHYCLCWATKGGNEL
GLKEITY

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (88)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (62.48 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LCMT1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — LCMT1

Entrez GeneID	51451
GeneBank Accession#	BC001214
Protein Accession#	AAH01214
Gene Name	LCMT1
Gene Alias	CGI-68, LCMT, PPMT1
Gene Description	leucine carboxyl methyltransferase 1
Omim ID	610286
Gene Ontology	Hyperlink

Gene Summary

LCMT1 catalyzes the methylation of the carboxyl group of the C-terminal leucine residue (leu309) of the catalytic subunit of protein phosphatase-2A (PPP2CA; MIM 176915) (De Baere et al., 1999 [PubMed 10600115]).[supplied by OMIM]

Other Designations

protein phosphatase methyltransferase 1

Pathway

- [Aminophosphonate metabolism](#)
- [Androgen and estrogen metabolism](#)
- [Histidine metabolism](#)
- [Selenoamino acid metabolism](#)
- [Tyrosine metabolism](#)