Mouse LCMT1 Monoclonal Antibody | anti-LCMT1 antibody

LCMT1 antibody

CATALOG #	HOST	APPLICATIONS
AAA106867	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

LCMT1; Monoclonal Antibody; LCMT1 antibody; Monoclonal LCMT1; Anti-LCMT1; Leucine carboxyl methyltransferase 1; PPMT1; Protein-leucine O methyltransferase; LCMT; Protein phosphatase methyltransferase 1; LCMT 1; LCMT-1; anti-LCMT1 antibody

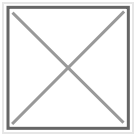
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	4A5
Purity/Purification	LCMT1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	334
Applicable Applications for anti-LCMT1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	LCMT1 catalyzes the methylation of the carboxyl group of the C-terminal leucine residue (leu309) of the catalytic subunit of protein phosphatase-2A.
Cross-Reactivity	Human
Immunogen	LCMT1 antibody was raised in mouse using a full length recombinant protein of human LCMT1 (NP_057393) produced in HEK293 cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

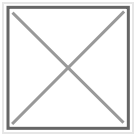
IMAGES

WB (Western Blot)
Western Blot analysis using LCMT1 antibodyWestern Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant LCMT1 protein (Right) or empty vector (Left) detected with LCMT1 antibody

IHC (Immunohistochemisry)
Immunohistochemical staining using LCMT1 antibodyImmunohistochemical analysis of LCMT1 protein in paraffin embedded Adenocarcinoma of Human colon tissue using LCMT1 antibody



IF (Immunofluorescence)
Immunofluorescent staining using LCMT1 antibodyImmunofluorescent staining of COS7 cells transiently transfected with recombinant LCMT1 protein using LCMT1 antibody



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis using LCMT1 antibodyFlow Cytometric analysis of HEK293T cells transfected with either recombinant LCMT1 protein (red) or empty vector (blue) stained using LCMT1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-LCMT1 antibody	Mouse monoclonal LCMT1 antibody
Product Categories/Family for anti-LCMT1 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	74048434
NCBI GeneID	51451
NCBI Accession #	NP_057393
NCBI GenBank Nucleotide #	NM_016309.2
Molecular Weight	32,172 Da
NCBI Official Full Name	leucine carboxyl methyltransferase 1 isoform a
NCBI Official Synonym Full Names	leucine carboxyl methyltransferase 1
NCBI Official Symbol	LCMT1
NCBI Official Synonym Symbols	LCMT; PPMT1; CGI-68
NCBI Protein Information	leucine carboxyl methyltransferase 1
UniProt Protein Name	Leucine carboxyl methyltransferase 1
UniProt Gene Name	**LCMT1**
UniProt Synonym Gene Names	LCMT
UniProt Entry Name	LCMT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/lcmt1-antibody-clone-4a5-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106867