

LCMT2 Recombinant antibody

Catalog Number: 83073-2-RR

Basic Information

Catalog Number: 83073-2-RR	GenBank Accession Number: BC015949	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 9836	CloneNo.: 230405H8
Source: Rabbit	UNIPROT ID: O60294	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: leucine carboxyl methyltransferase 2	
Immunogen Catalog Number: AG11145	Calculated MW: aa, 76 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra), ELISA	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: human	

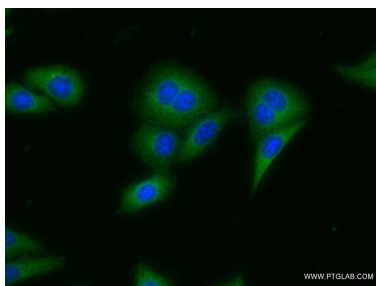
Background Information

LCMT2, also known as tRNA wybutosine-synthesizing protein 4 (TYW4), is an S-adenosylmethionine (SAM)-dependent enzyme that catalyzes the final step of yW biosynthesis, methylation and methoxycarbonylation. LCMT2 has a conserved leucine carboxyl methyltransferase (LCM) domain in its N-terminal region (PMID: 16642040).

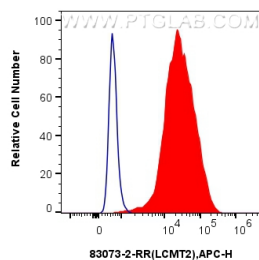
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using LCMT2 antibody (83073-2-RR, Clone: 230405H8) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug LCMT2 Recombinant antibody (83073-2-RR, Clone:230405H8) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).