

For Research Use Only

ACSM5 Monoclonal antibody, PBS Only



Catalog Number: 67334-1-PBS

Basic Information

Catalog Number: 67334-1-PBS	GenBank Accession Number: BC016703	Purification Method: Protein G purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 54988	CloneNo.: 2D5D6
Source: Mouse	UNIPROT ID: Q6NUN0	
Isotype: IgG1	Full Name: acyl-CoA synthetase medium-chain family member 5	
Immunogen Catalog Number: AG10056	Calculated MW: 208 aa, 23 kDa	
	Observed MW: 60-65 kDa	

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

Species Specificity:
Human, Mouse, Rat

Background Information

ACSM5(Acyl-CoA synthetase medium-chain family member 5) is also named as MACS3 and belongs to the ATP-dependent AMP-binding enzyme family. ACSM5 has medium-chain fatty acid:CoA ligase activity with broad substrate specificity (in vitro). This protein has 2 isoforms produced by alternative splicing.

Storage

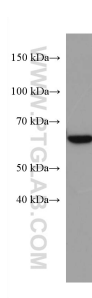
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

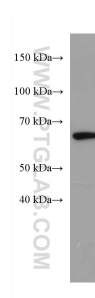
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

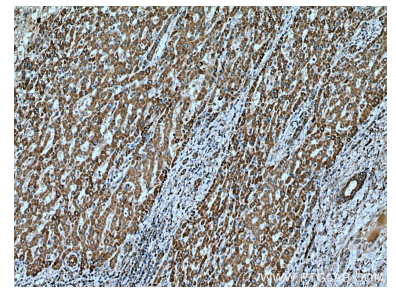
Selected Validation Data



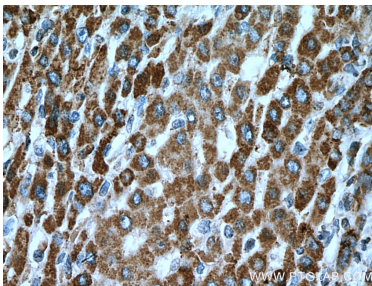
4T1 cells were subjected to SDS PAGE followed by western blot with 67334-1-Ig (ACSM5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67334-1-PBS in a different storage buffer formulation.



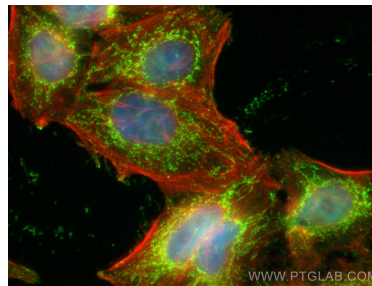
rat liver tissue were subjected to SDS PAGE followed by western blot with 67334-1-Ig (ACSM5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67334-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67334-1-Ig (ACSM5 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67334-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67334-1-Ig (ACSM5 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67334-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using ACSM5 antibody (67334-1-Ig, Clone: 2D5D6) at dilution of 1:800 and Coralite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-phalloidin (red). This data was developed using the same antibody clone with 67334-1-PBS in a different storage buffer formulation.