

For Research Use Only

ACSM5 Monoclonal antibody

Catalog Number: 67334-1-Ig **1 Publications**



Basic Information

Catalog Number: 67334-1-Ig	GenBank Accession Number: BC016703	Purification Method: Protein G purification
Size: 1800 µg/ml	GeneID (NCBI): 54988	CloneNo.: 2D5D6
Source: Mouse	UNIPROT ID: Q6NUN0	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:250-1:1000
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: IHC, WB, ELISA	Positive Controls: WB : 4T1 cells, MDA-MB-231 cells, rat liver tissue IHC : human liver cancer tissue,
Cited Applications: WB	
Species Specificity: Human, Mouse, Rat	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Yanlin Cao	34593020	Arthritis Res Ther	WB

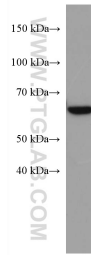
Storage

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

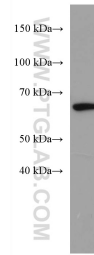
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

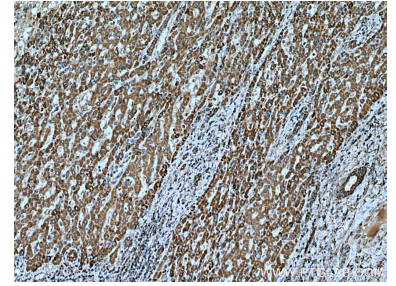
Selected Validation Data



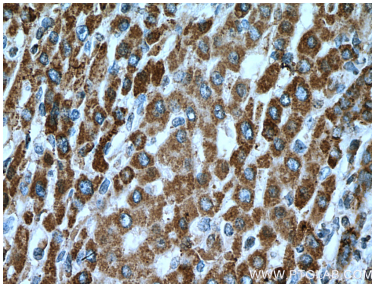
4T1 cells were subjected to SDS PAGE followed by western blot with 67334-1-Ig (ACSM5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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.



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).



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).