

For Research Use Only

ACSM5 Recombinant antibody, PBS Only

Catalog Number: 84444-1-PBS



Basic Information

Catalog Number:

84444-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9373

GenBank Accession Number:

BC016703

GeneID (NCBI):

54988

UNIPROT ID:

Q6NUN0

Full Name:

acyl-CoA synthetase medium-chain family member 5

Calculated MW:

208 aa, 23 kDa

Observed MW:

60-65 kDa

Purification Method:

Protein A purification

CloneNo.:

241400E7

Applications

Tested Applications:

WB, IHC, FC (Intra), 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, pH7.3

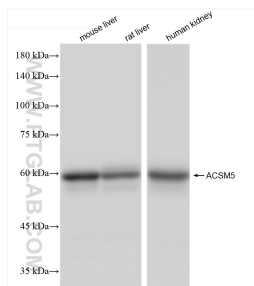
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

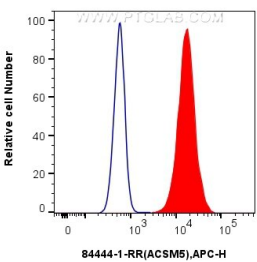
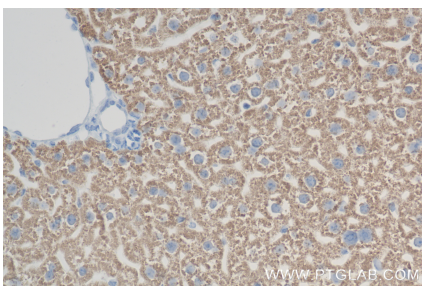
E: proteintech@ptglab.com
W: ptglab.com

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

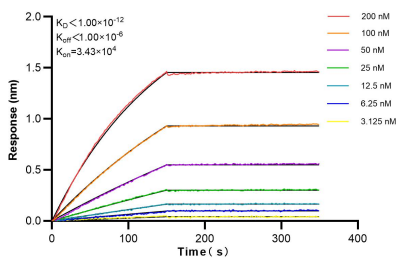
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84444-1-RR (ACSM5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84444-1-PBS in a different storage buffer formulation.



1x10⁶ HepG2 cells were intracellularly stained with 0.25 ug ACSM5 Recombinant antibody (84444-1-RR, Clone:241400E7) and APC-Conjugated 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). This data was developed using the same antibody clone with 84444-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84444-1-RR against Human ACSM5 were performed. The affinity constant is below 1 pM.