

Product datasheet for **CF504441**

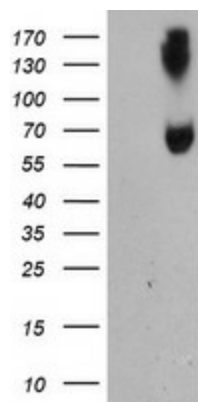
ACSM5 Mouse Monoclonal Antibody [Clone ID: OTI1G1]

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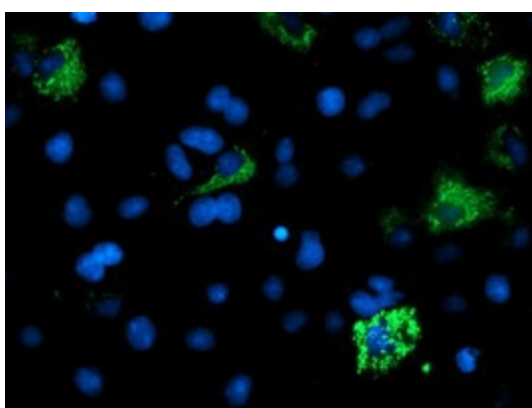
Product Type:	Primary Antibodies
Clone Name:	OTI1G1
Applications:	IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ACSM5(NP_060358) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	64.6 kDa
Gene Name:	acyl-CoA synthetase medium chain family member 5
Database Link:	NP_060358 Entrez Gene 272428 MouseEntrez Gene 54988 Human Q6NUN0
Synonyms:	FLJ20581
Protein Pathways:	Butanoate metabolism, Metabolic pathways



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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ACSM5 (Cat# [RC209798], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ACSM5 (Cat# [TA504441]). Positive lysates [LY413471] (100ug) and [LC413471] (20ug) can be purchased separately from OriGene.



Anti-ACSM5 mouse monoclonal antibody ([TA504441]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ACSM5 ([RC209798]).