

Product datasheet for **CF504490**

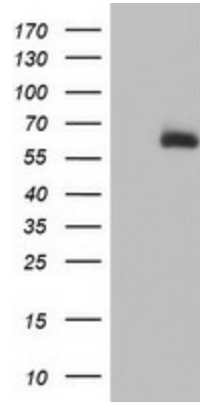
ACSM5 Mouse Monoclonal Antibody [Clone ID: OTI4B11]

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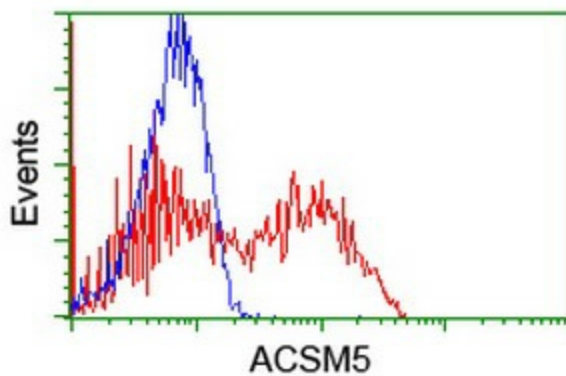
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI4B11 |
| Applications: | FC, WB |
| Recommended Dilution: | WB 1:2000, FLOW 1:100 |
| Reactivity: | Human, Mouse |
| Host: | Mouse |
| Isotype: | IgG2b |
| Clonality: | 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 Mouse Entrez 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 (Left lane) or pCMV6-ENTRY ACSM5 ([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. Positive lysates [LY413471] (100ug) and [LC413471] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either [RC209798] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-ACSM5 antibody ([TA504490]), and then analyzed by flow cytometry.