

Product datasheet for **CF502294**

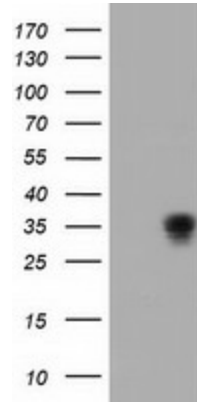
ACY3 Mouse Monoclonal Antibody [Clone ID: OTI2H8]

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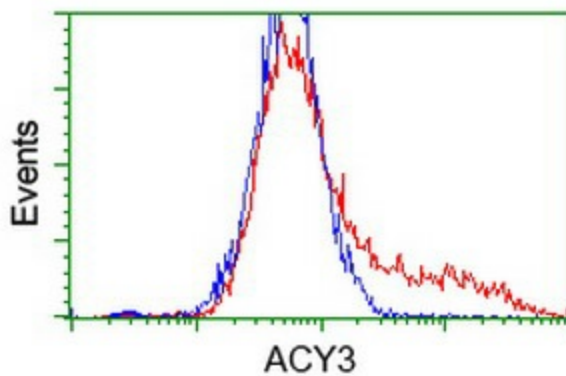
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2H8 |
| Applications: | FC, WB |
| Recommended Dilution: | WB 1:2000, FLOW 1:100 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human ACY3 (NP_542389) 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: | 35.1 kDa |
| Gene Name: | aminoacylase 3 |
| Database Link: | NP_542389 Entrez Gene 91703 Human Q96HD9 |
| Synonyms: | ACY-3; HCBP1 |
| Protein Pathways: | Alanine, aspartate and glutamate metabolism, Histidine metabolism |



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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ACY3 ([RC202287], 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-ACY3. Positive lysates [LY408962] (100ug) and [LC408962] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either [RC202287] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-ACY3 antibody ([TA502294]), and then analyzed by flow cytometry.