

## Product Datasheet

### Anti-ATP citrate lyase ACLY Antibody (monoclonal, 5I2) (orb2609776)

|                            |                                                                                                                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Anti-ATP citrate lyase ACLY Antibody (monoclonal, 5I2). Tested in Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat.                                                                                                            |
| <b>Species/Host</b>        | Mouse                                                                                                                                                                                                                                                                    |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                                                                                                        |
| <b>Conjugation</b>         | APC                                                                                                                                                                                                                                                                      |
| <b>Tested Applications</b> | FC, ICC, IF, IHC, WB                                                                                                                                                                                                                                                     |
| <b>Immunogen</b>           | E. coli-derived human ATP citrate lyase recombinant protein (Position: M1-I180). Human ATP citrate lyase shares 95% amino acid (aa) sequence identity with both mouse and rat ATP citrate lyase.                                                                         |
| <b>Form/Appearance</b>     | Lyophilized                                                                                                                                                                                                                                                              |
| <b>Concentration</b>       | Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.                                                                                                                                                                                                |
| <b>Storage</b>             | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.                                                                    |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                                                    |
| <b>Application notes</b>   | Western blot, 0.1-0.5µg/ml Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml Immunocytochemistry/Immunofluorescence, 2µg/ml, Human Flow Cytometry (Fixed), 1-3µg/1x10 <sup>6</sup> cells. Add 0.2ml of distilled water will yield a concentration of 500µg/ml |
| <b>Isotype</b>             | Mouse IgG2b                                                                                                                                                                                                                                                              |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                                                                                                               |

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|                        |                                 |
|------------------------|---------------------------------|
| <b>Clone Number</b>    | 5I2                             |
| <b>Antibody Type</b>   | Primary Antibody                |
| <b>MW</b>              | 121 kDa                         |
| <b>Uniprot ID</b>      | <b>P53396</b>                   |
| <b>Expiration Date</b> | 12 months from date of receipt. |

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