



# ASL Mouse mAb

|                           |   |
|---------------------------|---|
| <b>Catalog No</b>         | BYab-17872  |
| <b>Isotype</b>            | IgG2B/kappa   |
| <b>Reactivity</b>         | Human,Mouse,Rat   |
| <b>Applications</b>       | WB  |
| <b>Gene Name</b>          | ASL   |
| <b>Alternative Names</b>  | -   |
| <b>Research Field</b>     | Metabolomics  |
| <b>Product Categories</b> | Primary Antibodies  |
| <b>Host</b>               | Mouse   |
| <b>Molecular Weight</b>   | Calculated MW: 50 kDa; Observed MW:50 kDa   |
| <b>Clonality</b>          | Monoclonal Antibody   |
| <b>Clonality No.</b>      | R06-3O-2  |
| <b>Dilution</b>           | WB: 1/500-1/1000  |
| <b>Immunogen</b>          | Peptide   |
| <b>Purification</b>       | Protein G   |
| <b>Conjugation</b>        | Unconjugated  |
| <b>Modification</b>       | Unmodified  |
| <b>Form</b>               | Liquid  |
| <b>Buffer System</b>      | Liquid in PBS, Glycerol and BSA   |
| <b>Concentration</b>      | 1 mg/ml   |
| <b>Purity</b>             | ≥90%  |
| <b>Storage</b>            | Store at -20°C. Avoid freeze/thaw cycles.   |
| <b>Background</b>         | Argininosuccinate lyase (ASL), one of the significant UC enzymes, catalyzes argininosuccinate cleavage to generate arginine and fumarate. Arginine is then catalyzed by arginase to ornithine and polyamines, which are found to promote cancer cell proliferation and growth. Importantly, ASL ectopic expression is closely associated with poor prognosis of colorectal cancer, hepatocellular. ASL is a member of the aspartase/fumarase superfamily. Enzymes of this superfamily |

Nanjing BYabscience technology Co.,Ltd



share similar tetrameric structure and active site, though the sequence identities between different members are quite low (less than 20%). Members of this superfamily have been recognised as drug targets for microbial infections.

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

