



## OXSM mouse mAb

|                                    |                                                                                                                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-18048                                                                                                                                                                                                |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                         |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                             |
| <b>Applications</b>                | WB                                                                                                                                                                                                          |
| <b>Gene Name</b>                   | OXSM                                                                                                                                                                                                        |
| <b>Immunogen</b>                   | Synthesized peptide derived from human OXSM                                                                                                                                                                 |
| <b>Specificity</b>                 | This antibody detects endogenous levels of OXSM at Human, Mouse                                                                                                                                             |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                     |
| <b>Source</b>                      | Monoclonal, Mouse,IgG                                                                                                                                                                                       |
| <b>Purification</b>                | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                        |
| <b>Dilution</b>                    | WB 1:500-1:2000                                                                                                                                                                                             |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                     |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                        |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                |
| <b>Synonyms</b>                    | Beta ketoacyl ACP synthase;FASN2D;KASI;KS;OXSM;3-oxoacyl-[acyl-carrier-protein] synthase;mitochondrial (EC 2.3.1.41) (Beta-ketoacyl-ACP synthase); mitochondrial (EC 2.3.1.41) (Beta-ketoacyl-ACP synthase) |
| <b>Observed Band</b>               | 46 kDa                                                                                                                                                                                                      |
| <b>Calculated Molecular Weight</b> | 49 kDa                                                                                                                                                                                                      |
| <b>Cell Pathway</b>                | Mitochondrion .                                                                                                                                                                                             |
| <b>Tissue Specificity</b>          | Widely expressed. Higher expression in heart, skeletal muscle, liver and kidney which contain high levels of active mitochondria.                                                                           |
| <b>Function</b>                    | May play a role in the biosynthesis of lipoic acid as well as longer chain fatty acids required for optimal mitochondrial function.                                                                         |
| <b>Background</b>                  |                                                                                                                                                                                                             |
| <b>matters needing attention</b>   | Avoid repeated freezing and thawing!                                                                                                                                                                        |
| <b>Usage suggestions</b>           | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                                                                           |



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