



# UCK2 mouse mAb

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <b>Catalog No</b>                | YP-mAb-17688                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Reactivity</b>                | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene Name</b>                 | UCK2 UMPK                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Name</b>              | Uridine-cytidine kinase 2 (UCK 2) (EC 2.7.1.48) (Cytidine monophosphokinase 2) (Testis-specific protein TSA903) (Uridine monophosphokinase 2)                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>                 | Synthesized peptide derived from human UCK2                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Specificity</b>               | This antibody detects endogenous levels of UCK2 at Human, Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, and 0.360% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>                    | Mouse,Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <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>                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Observed Band</b>             | 29kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cell Pathway</b>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tissue Specificity</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Function</b>                  | Phosphorylates uridine and cytidine to uridine monophosphate and cytidine monophosphate . Does not phosphorylate deoxyribonucleosides or purine ribonucleosides . Can use ATP or GTP as a phosphate donor . Can also phosphorylate cytidine and uridine nucleoside analogs such as 6-azauridine, 5-fluorouridine, 4-thiouridine, 5-bromouridine, N(4)-acetylcytidine, N(4)-benzoylcytidine, 5-fluorocytidine, 2-thiocytidine, 5-methylcytidine, and N(4)-anisoylcytidine . |
| <b>Background</b>                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>matters needing attention</b> | 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**