

## Recombinant ULK1 Monoclonal Antibody

catalog number: **AN301320L**

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

### Description

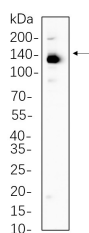
|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Mouse;Rat                                                 |
| <b>Immunogen</b>    | Recombinant Human ULK1 protein                                  |
| <b>Host</b>         | Rabbit                                                          |
| <b>Isotype</b>      | IgG, $\kappa$                                                   |
| <b>Clone</b>        | B1083                                                           |
| <b>Purification</b> | Protein A                                                       |
| <b>Buffer</b>       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications

### Recommended Dilution

|              |                |
|--------------|----------------|
| <b>WB</b>    | 1:2000-1:10000 |
| <b>IF</b>    | 1:200-1:1000   |
| <b>ELISA</b> | 1:5000-1:20000 |
| <b>IP</b>    | 1:50-1:200     |

### Data



Western Blot with Recombinant ULK1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: U2OS cell lysate.

**Observed-MW:130 kDa**

**Calculated-MW:113 kDa**

### Preparation & Storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag                                                         |

### Background

ATP + a protein = ADP + a phosphoprotein.,Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/un c-51/ULK1 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with GABARAP and GABARAPL2.,tissue specificity:Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.

### For Research Use Only

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Rev. V1.3