

## Monoclonal Antibody to Interleukin 1 Beta (IL1b)

**Catalog No:** FY-AB50647

**Organism Species:** Mus musculus (Mouse)

**Application:** WB; IHC; ICC; IP.

**Alternative Names:** IL1-B; IL1-Beta; IL1F2; IL-1  $\beta$  ; Interleukin-1 Family Member 2; Catabolin

### PROPERTIES

|                      |                                                                                                                                                                                                                                                                                                                                                |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Source               | Monoclonal antibody preparation                                                                                                                                                                                                                                                                                                                |
| Host species         | Mouse                                                                                                                                                                                                                                                                                                                                          |
| Cross Reactivity     | Hu;                                                                                                                                                                                                                                                                                                                                            |
| Purification         | Protein A+G                                                                                                                                                                                                                                                                                                                                    |
| Research Area        | Cytokine;Tumor immunity;Infection immunity;                                                                                                                                                                                                                                                                                                    |
| Appearance           | Liquid                                                                                                                                                                                                                                                                                                                                         |
| Size                 | 200 $\mu$ l;1mg/mL                                                                                                                                                                                                                                                                                                                             |
| Formulation          | 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.                                                                                                                                                                                                                                                                                  |
| Immunogen            | Recombinant Interleukin 1 Beta (IL1b)                                                                                                                                                                                                                                                                                                          |
| Application          | Western blotting: 0.5-2 $\mu$ g/mL                                                                                                                                                                                                                                                                                                             |
|                      | Immunohistochemistry: 5-20 $\mu$ g/mL                                                                                                                                                                                                                                                                                                          |
|                      | Immunocytochemistry: 5-20 $\mu$ g/mL                                                                                                                                                                                                                                                                                                           |
| Storage instructions | Stable for 12 months. at -20 $^{\circ}$ C from date of shipment.<br>Aliquot to avoid repeated freezing and thawing.<br>Store at 2-8 $^{\circ}$ C for frequent use.<br>For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.                                                               |
| Stability Test       | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 $^{\circ}$ C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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