

## **Monoclonal Antibody to Surfactant Protein C (SP-C)**

Catalog No: FY-AB49336

Organism Species: Rattus norvegicus (Rat)

Application: WB; IHC; ICC; IP.

Alternative Names: SFTPC; PSP-C; SFTP2; SPC; SP5; Surfactant Associated Protein C; Pulmonary Surfactant Protein C;

Pulmonary surfactant-associated proteolipid SPL(Val)

## **PROPERTIES**

| Source               | Monoclonal antibody preparation                                                                                                                                                                                                                                                                                                     |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host species         | Mouse                                                                                                                                                                                                                                                                                                                               |
| Cross Reactivity     | -                                                                                                                                                                                                                                                                                                                                   |
| Purification         | Protein A+G                                                                                                                                                                                                                                                                                                                         |
| Research Area        | Tumor immunity;Infection immunity;Pulmonology;                                                                                                                                                                                                                                                                                      |
| Appearance           | Liquid                                                                                                                                                                                                                                                                                                                              |
| Size                 | $200\mu l;1mg/mL$                                                                                                                                                                                                                                                                                                                   |
| Formulation          | PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.                                                                                                                                                                                                                                                                                    |
| Immunogen            | -                                                                                                                                                                                                                                                                                                                                   |
| Application          | Western blotting: 0.2-2µg/mL,1:500-5000                                                                                                                                                                                                                                                                                             |
|                      | Immunohistochemistry: 5-20µg/mL,1:50-200                                                                                                                                                                                                                                                                                            |
|                      | Immunocytochemistry: 5-20μg/mL,1:50-200                                                                                                                                                                                                                                                                                             |
| Storage instructions | Stable for 12 months. at -20°C from date of shipment. Aliquot to avoid repeated freezing and thawing. Store at 2-8°C for frequent use. 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°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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