

## Polyclonal Antibody to Heat Shock 70kDa Protein 5 (HSPA5)

Catalog No: FY-AB47464

Organism Species: Rattus norvegicus (Rat)

Application: WB; IHC; ICC; IP.

**Alternative Names:** MIF2; BIP; GRP78; Immunoglobulin heavy chain-binding protein; Glucose Regulated Protein 78; Binding Immunoglobulin Protein; Endoplasmic reticulum lumenal Ca binding grp78

## **PROPERTIES**

| Source               | Polyclonal antibody preparation   |
|----------------------|---|
| Host species         | Rabbit  |
| Cross Reactivity     | -   |
| Purification         | Antigen-specific + Protein A affinity chromatography  |
| Research Area        | Signal transduction;Tumor immunity;Infection immunity;  |
| Appearance           | Liquid  |
| Size                 | 200μl;0.26mg/mL   |
| Formulation          | PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.  |
| Immunogen            | Recombinant Heat Shock 70kDa Protein 5 (HSPA5)  |
| Application          | Western blotting: 0.5-2µg/mL,1:130-520  |
|                      | Immunohistochemistry: 5-20μg/mL,1:13-52   |
|                      | Immunocytochemistry: 5-20μg/mL,1:13-52  |
| 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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