

## HSP72 (PT1937R) PT™ Rabbit mAb

CatalogNo: YM960236 **Recombinant** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 70kD (Calculated)
- 68kD (Observed)

#### Isotype

- IgG, Kappa

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

### Recommended Dilution Ratios

**IHC 1:200-1:1000****WB 1:2000-1:10000****IF 1:200-1:1000****ELISA 1:5000-1:20000**

### Basic Information

**Clonality** Monoclonal**Clone Number** PT1937R

### Immunogen Information

**Immunogen** The specific immunogen used to produce this antibody is proprietary information.**Specificity** Endogenous

## Target Information

**Gene name** HSPA2

**Protein Name** Heat shock-related 70 kDa protein 2 (Heat shock 70 kDa protein 2)

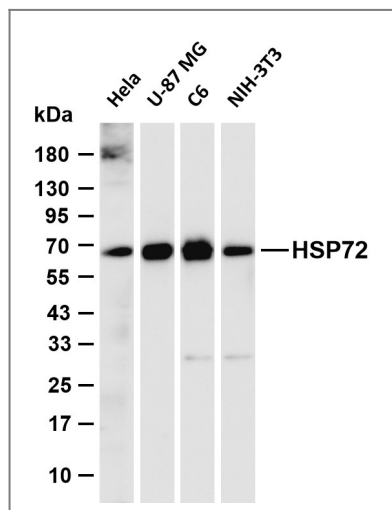
Organism	Gene ID	UniProt ID
Human	<a href="#">3306;</a>	<a href="#">P54652;</a>
Mouse		<a href="#">P17156;</a>
Rat		<a href="#">P14659;</a>

**Cellular Localization** Cytoplasm, cytoskeleton, spindle . Colocalizes with SHCBP1L at spindle during the meiosis process. .

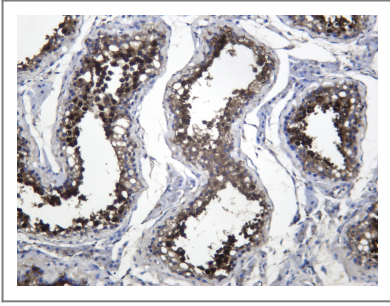
**Tissue specificity** Brain, Eye, Lung,

**Function** Function: In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage., similarity: Belongs to the heat shock protein 70 family., subunit: Interacts with ZNF541.,

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-HSP72 (PT1937R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: U-87 MG Lane 3: C6 Lane 4: NIH-3T3 Predicted band size: 70kDa Observed band size: 68kDa



Human testis was stained with anti-HSP72 (PT1937R) Rabbit antibody

## | Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: <http://www.immunoway.com>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code  
to access additional  
product information:  
**HSP72 (PT1937R)**  
**PT™ Rabbit mAb**

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