

## Anti-Hsp70 Rabbit pAb

Purified Rabbit Polyclonal Antibody

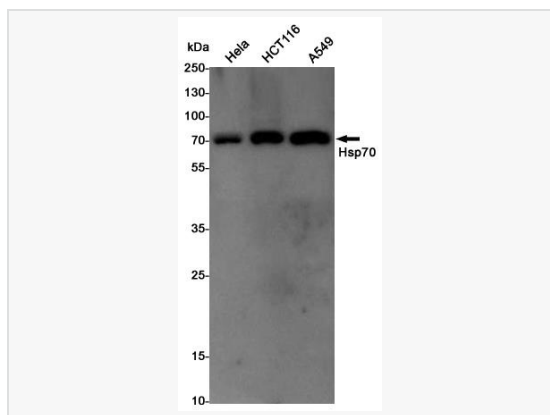
Catalog # P010483

### Product Information

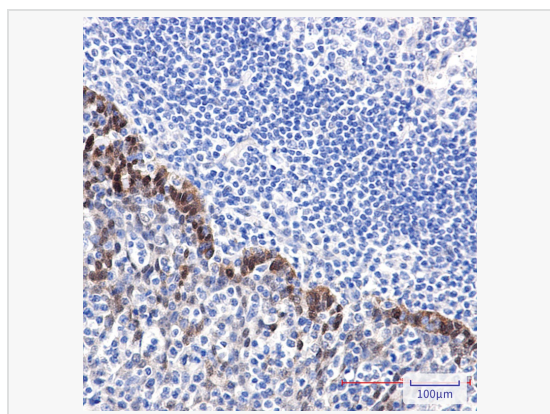
|             |                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Application | WB, IHC-P/IF (Tissue-P), FC, IP, ELISA                                                                                                |
| Reactivity  | Human                                                                                                                                 |
| Dilution    | WB 1:500~1:1,000; IHC-P 1:50~1:100; IP 1:20; FC 1:50~1:100                                                                            |
| Host        | Rabbit                                                                                                                                |
| Clonality   | Polyclonal                                                                                                                            |
| Isotype     | IgG                                                                                                                                   |
| Label       | Unconjugated                                                                                                                          |
| Immunogen   | Recombinant protein of human Hsp70                                                                                                    |
| Format      | Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified. |
| Storage     | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.           |
| Precautions | Anti-Hsp70 antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                 |

### Protein Information

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synonyms      | HSP72, HSPA1, HSX70.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Calculated MW | Calculated MW: 70 kDa; Observed MW: 70 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Uniprot ID    | P0DMV8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene ID       | 3303                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Background    | In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins. |



Western blot analysis of Hsp70 in HeLa, HCT116, A549 lysates using Hsp70 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Hsp70 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.