

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **HSP70 RABBIT MAB**

Cat.#: N262373

**Product Name:** Anti-Hsp70 Rabbit Monoclonal Antibody

**Synonyms:** HSP72; HSPA1; HSP70I; HSPA1B; HSP70-1; HSP70-1A.

**UNIPROT ID: PODMV8** 

**Background:** In conjuction 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.

**Immunogen:** Recombinant protein of Hsp70

**Applications:** WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

Host Species: Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R01-6H6

MW: Calculated MW: 70 kDa; Observed MW: 70 kDa

**Isotype:** IgG

Purification: Affinity Purified Species Reactivity: Human Conjugation: Unconjugated Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

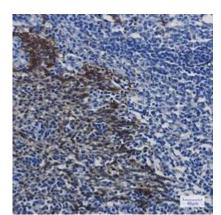
Research Areas: Signal Transduction

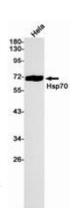
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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Immunohistochemistry analysis of paraffin-embedded Human tonsil using Hsp70 antibody.High-

Citrate pH 6.0 was used for

antigen retrieval.

Western blot analysis of Hsp70 in pressure and temperature Sodium Hela lysates using Hsp70 antibody.