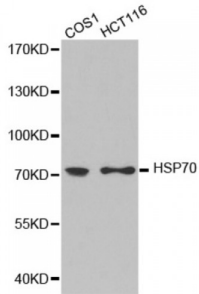


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Heat Shock Protein 70 (HSP70) Antibody

Catalogue No.: abx000067



Western blot analysis of extracts of COS1 cell and HCT116 cells, using HSP70 antibody.

HSP70 Antibody is a Mouse Monoclonal antibody against HSP70. This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. 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.

Target: HSP70

Reactivity: Human, Mouse, Rat

Host: Mouse

Clonality: Monoclonal

Tested Applications: WB

Recommended dilutions: WB: 1/2000 - 1/5000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Synthetic Peptide. N term –peptide of human HSP70.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 70 kDa
 Observed MW: Refer to Figures

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Swiss Prot: [P08107](#)

GeneID: [3303](#)

Gene Symbol: HSPA1A

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.