

Cat. No: MAB-94280
Conjugate: Unconjugated
Size: 100 ug
Clone: 3A3
Concentration: 1mg/ml
Host: Mouse
Isotype: IgG1
Immunogen: A synthetic peptide of human HSP70
Reactivity: Human, Mouse, Rat

Applications: WesternBlot:1/1000-2000
 Immunofluorescence:1/100-200
 Immunohistochemistry:1/200-500

Molecular Weight: 70kDa

Purification: Affinity Purified

Synonyms: HSPA1A;HEL-S-103;HSP70-1;HSP70-1A;HSP70.1;HSP70I;HSP72;HSPA1

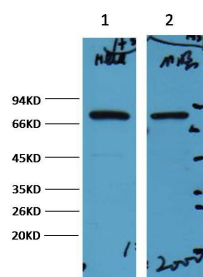
Background:

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 ubiquitinproteasome 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

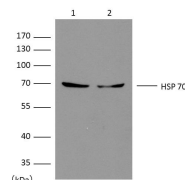
Form: Liquid

Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.4

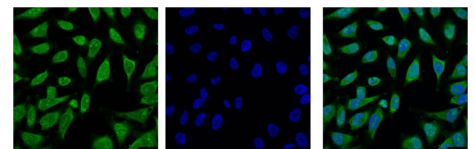
Storage: Store at -20°C. Avoid freeze / thaw cycles.



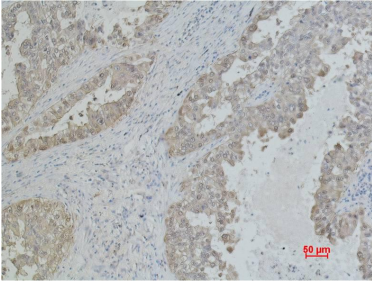
Western blot analysis of) HeLa 2) Mouse Brain with HSP70 mAb diluted at:2000



Western blot analysis of extracts from HeLa (Lane)MCF-7 (Lane 2) using HSP70 diluted at 1:2000.



IF analysis of HeLa with HSP70 (Left) and DAPI (Right) diluted at:100.



Immunohistochemical analysis of paraffin-embedded Human Lung carcinoma using HSP70 Mouse mAb diluted at:500.

**For Research use only
IMMUNOLOGICAL SCIENCES**