

## HSP70 Monoclonal Antibody

catalog number: E-AB-22005

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

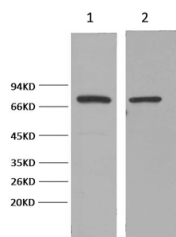
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Synthetic Peptide
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Clone</b>	5C3
<b>Purification</b>	Protein A purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

### Applications

### Recommended Dilution

<b>WB</b>	1:1000-2000
<b>IHC</b>	1:50-300
<b>IF</b>	1:100-200

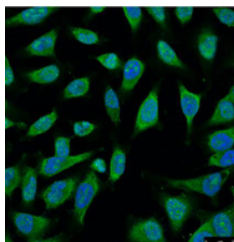
### Data



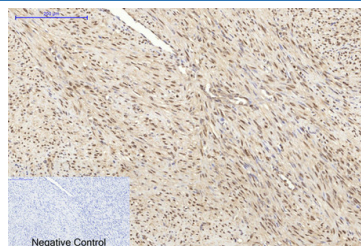
Western Blot analysis of 1) Hela, 2) Mouse brain using HSP70 Monoclonal Antibody at dilution of 1:2000.

**Observed-MW:70 kDa**

**Calculated-MW:70 kDa**



Immunofluorescence analysis of Hela tissue using HSP70 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Human uterus cancer tissue using HSP70 Monoclonal Antibody at dilution of 1:200.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

### For Research Use Only

This gene encodes a 70kDa heat shock protein. 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. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which also encode isoforms of the 70kDa heat shock protein.