

## HSP70 Monoclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA0745
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	50ul, 100ul
<b>Immunogen</b>	Purified recombinant human HSP70 protein fragments expressed in E.coli.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human,Rat,Pig
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Heat shock 70 kDa protein 1A
<b>Synonyms</b>	HSPA1A; HSPA1; HSPA1B; Heat shock 70 kDa protein 1A; 1B; Heat shock 70 kDa protein 1; 2; HSP70-1; HSP70-2; HSP70.1; HSP70.2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

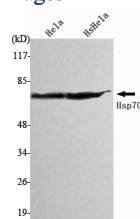
This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the 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.

### Recommended Dilution

WB: 1:1000 - 1:2000

Not yet tested in other applications.

### Images



Western Blot analysis using HSP70 Monoclonal antibody against HeLa, heat shock HeLa cell lysate.

### Storage

-20°C for one year