

## HSC70 Monoclonal Antibody(6C7)

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA0737
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human HSC 70.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human,Rat,Mouse
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, IHC-p, IF
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Heat shock cognate 71 kDa protein
<b>Synonyms</b>	Heat shock cognate 71 kDa protein; Heat shock 70 kDa protein 8

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

### Background

This gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

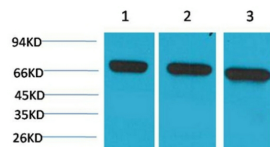
### Recommended Dilution

IHC-p: 1:50-300

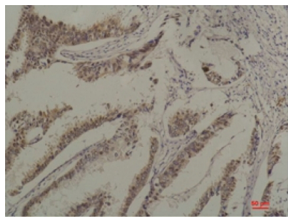
WB: 1:500 - 1:2000

Not yet tested in other applications.

### Images



Western blot analysis of 1) HeLa, 2) Mouse Brain Tissue, 3) Rat Brain Tissue with HSC70 Mouse Monoclonal antibody diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using HSC70 Mouse Monoclonal antibody diluted at 1:200.

### Storage

-20°C for one year

