

HSP70 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0746
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant human HSP70 (N-terminus) protein fragments expressed in E.coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Rat,Bovine,Dog,Goat,Pig
Clonality	Monoclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Heat shock 70 kDa protein 1A
Synonyms	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

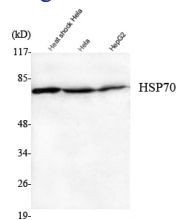
This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. 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 Heat shock HeLa, HeLa, HepG2 cell lysate.

Storage

-20°C for one year