

HSP90Beta Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0749
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human HSP90Beta expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Rat,Monkey
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC, FCM, ELISA
Concentration	1 mg/ml
Full name	Heat shock protein HSP 90-beta
Synonyms	HSP90AB1; HSP90B; HSPC2; HSPCB; Heat shock protein HSP 90-beta; HSP 90; Heat shock 84 kDa; HSP 84; HSP84

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 90 family| these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. This gene encodes the constitutive form of the cytosolic 90 kDa heat-shock protein and is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes.

Recommended Dilution

FC: 1:200 - 1:400

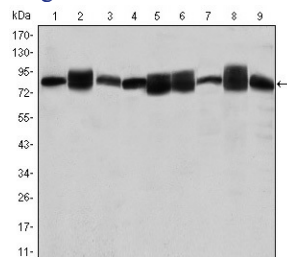
IF: 1:200 - 1:1000

IHC: 1:200 - 1:1000

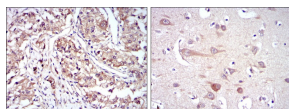
WB: 1:500 - 1:2000

Not yet tested in other applications.

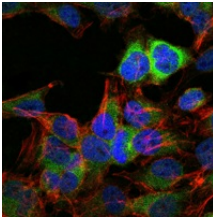
Images



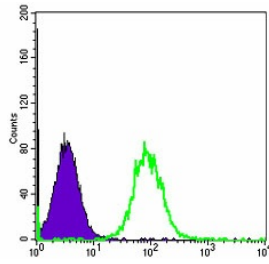
Western Blot analysis using HSP90Beta Monoclonal antibody against Jurkat (1) A431 (2) HeLa (3) A549 (4) HEK293 (5) K562 (6) NIH/3T3 (7) PC-12 (8) and Cos7 (9) cell lysate.



Immunohistochemistry analysis of paraffin-embedded kidney cancer tissues (left) and brain tissues (right) with DAB staining using HSP90Beta Monoclonal antibody.



Immunofluorescence analysis of HeLa cells using HSP90Beta Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HeLa cells using HSP90Beta Monoclonal antibody (green) and negative control (purple).

Storage

-20°C for one year

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