

## HSP90B monoclonal antibody

Catalog: MB0142

Host: Mouse

Reactivity: Human, Mouse, Rat, Monkey

### BackGround:

HSP 90 family members guide the normal folding, intracellular disposition and proteolytic turnover of many key regulators of cell growth, differentiation and survival. HSP 90alpha, also designated HSP90A, HSP 86 and LPS-associated protein 2 (LAP2), is a cytosolic enhancer of inducible nitric-oxide synthase (iNOS), with chaperone activity that is important for the transcriptional activity of p53. HSP 90beta, also designated HSP90B, HSP 84 and HSPC2, is a cytosolic protein that participates in signaling pathways with PKC epsilon to protect cells from external damage, particularly in heat shock-mediated events. GRP 94, also known as tumor rejection antigen 1 (TRA1), ECGP and GP96, localizes to the ER, is highly expressed in BGC-823 human gastric carcinoma cells and is upregulated in human endothelial cells in response to hypoxia by HIF-1.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 90 kDa

### Swiss-Prot:

P08238

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1000

ICC/IF: 1:50~200

IHC: 1:50~100

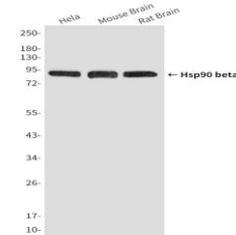
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

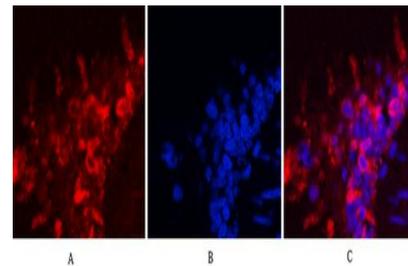
### Specificity:

This antibody detects endogenous levels of HSP90 and does not cross-react with related proteins

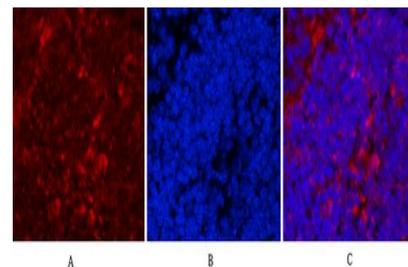
### DATA:



Western blot analysis of Hsp90 beta in HeLa, mouse Brain tissue, rat Brain tissue lysates using Hsp90 beta antibody.



Immunofluorescence analysis of Hsp90 beta in rat lung tissue using HSP90β antibody (red), and DAPI (blue).



Immunofluorescence analysis of Hsp90 beta in mouse spleen tissue using Hsp90 beta antibody (red), and DAPI (blue).

### Note:

For research use only, not for use in diagnostic procedure.

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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

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