

HSP90B Mouse monoclonal antibody

Catalog: MB9019

Host: Mouse

Reactivity: Human, Mouse, Rat

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:

Mouse IgG2a, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 90 kDa

Swiss-Prot:

P08238

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:5000

IHC: 1:100-1:200

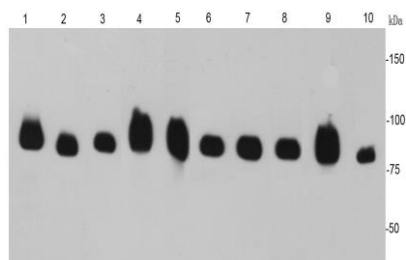
Storage&Stability:

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 HSP90B and does not cross-react with related proteins.

DATA:



Western blot (WB) analysis of HSP90B Mouse mAb at 1:5000 dilution

Lane1:Hela whole cell lysate

Lane2:NIH/3T3 whole cell lysate

Lane3:PC12 whole cell lysate

Lane4:293T whole cell lysate

Lane5:HepG2 whole cell lysate

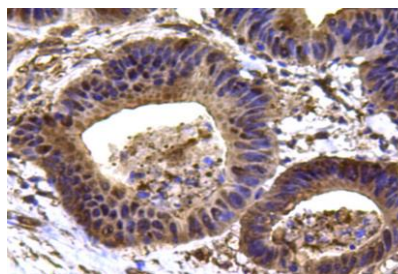
Lane6:COS-1 whole cell lysate

Lane7:Jurkat whole cell lysate

Lane8:A549 whole cell lysate

Lane9:Raji whole cell lysate

Lane10:The heart tissue lysate of Mouse



Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using anti-HSP90B antibody. Counter stained with hematoxylin.

Note:

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

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