

## HSP60 Rabbit monoclonal antibody

Catalog: BS9942M

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

HSPs (also known as molecular chaperones) fall into six general families: HSP 90, HSP 70, HSP 60, the low molecular weight HSPs, the immunophilins, and the HSP 110 family. The constitutively expressed mitochondrial protein HSP 60 shares the ability to recognize and stabilize proteins during folding, assembly and disassembly with other HSP family members. The mitochondrial and cytosolic localization of HSP 60, combined with its binding and catalysis of folding of newly synthesized proteins destined for the mitochondrial matrix, classify this protein as a molecular chaperone. An additional role of HSP 60 is to act as a cell surface marker for  $\gamma/\delta$  T cell recognition.

### Product:

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

### Molecular Weight:

~ 60 kDa

### Swiss-Prot:

P10809

### Purification&Purity:

Protein A affinity purified

### Applications:

WB: 1:1000-1:5000

IHC: 1:50-1:200

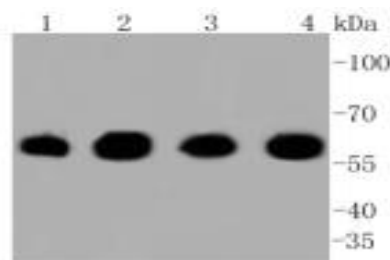
### Storage&Stability:

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 HSP60 and does not cross-react with related proteins.

### DATA:



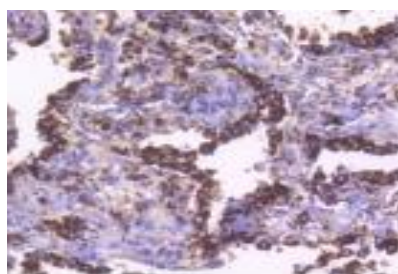
Western blot (WB) analysis of HSP60 Rabbit mAb at 1:1000 dilution

Lane1:HeLa whole cell lysate

Lane2:MCF7 whole cell lysate

Lane3:PANC-1 whole cell lysate

Lane4:SW480 whole cell lysate



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-HSP60 antibody. Counter stained with hematoxylin.

### Note:

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

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