

**bsm-33210M****[ Primary Antibody ]****HSP90 alpha Mouse mAb****Bioss**  
**ANTIBODIES**

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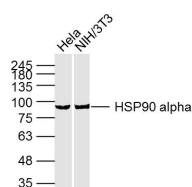
**— DATASHEET —****Host:** Mouse**Clonality:** Monoclonal**GeneID:** 3320**Target:** HSP90 alpha**Immunogen:** Recombinant human HSP90 alpha Protein: 549-692/732.**Purification:** affinity purified by Protein G**Concentration:** 1mg/ml**Storage:** Size : 50ul/100ul/200ul

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

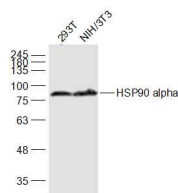
Size : 200ug (PBS only)

0.01M PBS

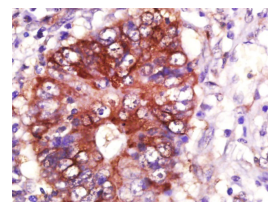
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Hsp90 (heat shock protein 90) is a molecular chaperone and is one of the most abundant proteins in unstressed cells. It is an ubiquitous molecular chaperone found in eubacteria and all branches of eukarya, but it is apparently absent in archaea. Whereas cytoplasmic Hsp90 is essential for viability under all conditions in eukaryotes, the bacterial homologue HtpG is dispensable under non-heat stress conditions.**Isotype:** IgG**CloneNo.:** 3H7**SWISS:** P07900**Applications:** WB (1:500-1000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 81 kDa**Subcellular Location:** Cell membrane ,Cytoplasm**— VALIDATION IMAGES —**

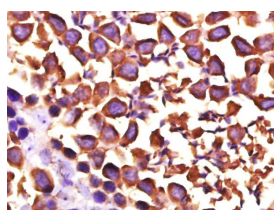
Sample: HeLa Cell (Human) Lysate at 40 ug  
NIH/3T3 Cell (Mouse) Lysate at 40 ug Primary:  
Anti-HSP90 alpha (bsm-33210M) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Mouse IgG at 1/20000 dilution Predicted band  
size: 81 kD Observed band size: 98 kD



Sample: 293T (Human) Cell Lysate at 30 ug  
NIH/3T3 (Mouse) Cell Lysate at 40 ug Primary:  
Anti-HSP90 alpha (bsm-33210M) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Mouse IgG at 1/20000 dilution Predicted band  
size: 81 kD Observed band size: 81 kD



Paraformaldehyde-fixed, paraffin embedded  
(Human colon cancer); Antigen retrieval by  
boiling in sodium citrate buffer (pH6.0) for  
15min; Block endogenous peroxidase by 3%  
hydrogen peroxide for 20 minutes; Blocking  
buffer (normal goat serum) at 37°C for 30min;  
Antibody incubation with (HSP90 alpha)  
Monoclonal Antibody, Unconjugated  
(bsm-33210M) at 1:400 overnight at 4°C,  
followed by operating according to SP  
Kit(Mouse) (sp-0024) instructions and DAB  
staining.



Paraformaldehyde-fixed, paraffin embedded  
(Mouse testis); Antigen retrieval by boiling in  
sodium citrate buffer (pH6.0) for 15min; Block  
endogenous peroxidase by 3% hydrogen

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HSP90 alpha) Monoclonal Antibody, Unconjugated (bsm-33210M) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Mouse) (sp-0024) instructions and DAB staining.