# bsm-61128R

## [ Primary Antibody ]

# Bioss

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### **HSP90** beta Recombinant Rabbit mAb

### - DATASHEET -

Host: Rabbit Isotype: IgG
Clonality: Recombinant CloneNo.: 13E19
GeneID: 3326 SWISS: P08238

Target: HSP90 beta

Immunogen: A synthesized peptide derived from human Hsp90 beta: 500-724.

Purification: affinity purified by Protein A

**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid

repeated freeze/thaw cycles.

**Background:** Molecular chaperone that promotes the maturation, structural

maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction.

**Applications: WB** (1:1000-5000)

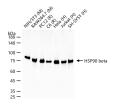
IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1ug/Test) ICC/IF (1:100-500) IP (1:20-50)

Reactivity: Human, Mouse, Rat

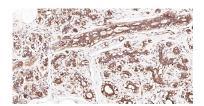
Predicted 83

Subcellular Cytoplasm

### VALIDATION IMAGES -



25 ug total protein per lane of various lysates (see on figure) probed with HSP90 beta monoclonal antibody, unconjugated (bsm-61128R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



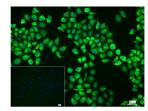
Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with HSP90 beta Monoclonal Antibody,

Unconjugated(bsm-61128R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

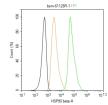


Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with HSP90 beta Monoclonal Antibody,

Unconjugated(bsm-61128R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



4% Paraformaldehyde-fixed Hela (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (HSP90 beta) monoclonal Antibody, unconjugated (bsm-61128R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-40295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The Hela (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green):Rabbit Anti-HSP90 beta antibody (bsm-61128R): 1  $\mu$ g/10^6 cells; Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.