

[Primary Antibody]

HSP90 beta Recombinant Rabbit mAb



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ANTIBODIES

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— DATASHEET

Host: Rabbit

Clonality: Recombinant

GeneID: 3326

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.

Isotype: IgG

CloneNo.: 13E19

SWISS: P08238

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)

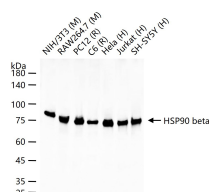
IP (1:20-50)

Reactivity: Human, Mouse, Rat

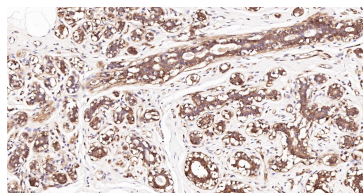
Predicted ⁸³
MW.:

Subcellular Location: Cytoplasm

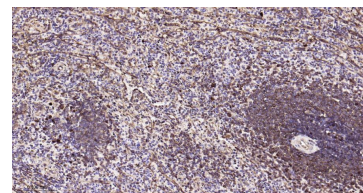
— VALIDATION IMAGES



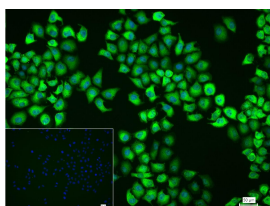
25 ug total protein per lane of various lysates (see on figure) probed with HSP90 beta monoclonal antibody, unconjugated (bsm-61128R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



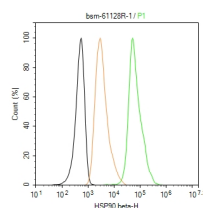
Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with HSP90 beta Monoclonal Antibody, Unconjugated(bsm-61128R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) 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 β antibody (bsm-61128R): $1\text{ }\mu\text{g}/10^6$ cells; Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.

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