

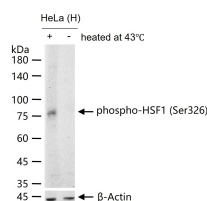
bsm-52166R**[Primary Antibody]****phospho-HSF1 (Ser326) Recombinant Rabbit mAb****Bioss**
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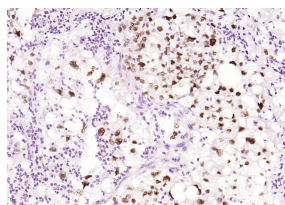
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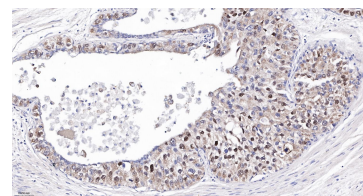
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 37E4**GeneID:** 3297**SWISS:** Q00613**Target:** HSF1 (Ser326)**Immunogen:** KLH conjugated Synthesised phosphopeptide derived from human HSF1 around the phosphorylation site of Ser326: L(p-S)PT.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** Size : 25ul/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:** The product of this gene is a heat-shock transcription factor. Transcription of heat-shock genes is rapidly induced after temperature stress. Hsp90, by itself and/or associated with multichaperone complexes, is a major repressor of this gene. [provided by RefSeq, Jul 2008].**Applications:** WB (1:500-2000)**IHC-P** (1:100-200)**IHC-F** (1:100-200)**IF** (1:100-200)**Flow-Cyt** (1:50-100)**Reactivity:** Human**Predicted MW.:** 57 kDa**Observed MW.:** 75-80 kDa**Subcellular Location:** Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

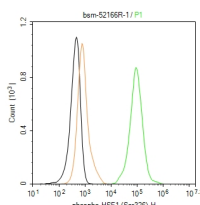
HeLa (H) treated with heat at 43°C for 30 min, 25 µg total protein per lane of cell lysates (see on figure) probed with phospho-HSF1 (Ser326) monoclonal antibody, unconjugated (bsm-52166R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded (human endometrial carcinoma); 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 (phospho-HSF1 (Ser326)) Polyclonal Antibody, Unconjugated (bsm-52166R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Prostate Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with phospho-HSF1 (Ser326) Monoclonal Antibody, Unconjugated (bsm-52166R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



The HeLa (treated with heat (44°C)) (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.). Cells stained with

Primary Antibody for 30 min at room temperature, followed by secondary antibody incubation for 40 min at room temperature.
Primary Antibody (green): Rabbit Anti-phospho-HSF1 (Ser326) antibody (bsm-52166R, 1:100);
Isotype Control (orange): Rabbit IgG (bs-0295P).
Blank control (black): PBS. Acquisition of 20,000 events was performed.