

bsm-52167R**[Primary Antibody]****phospho-HSP27 (Ser78) Recombinant Rabbit mAb****Bioss**
ANTIBODIES

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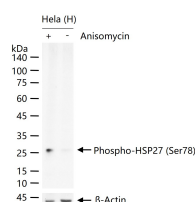
sales@bioss.com.cn

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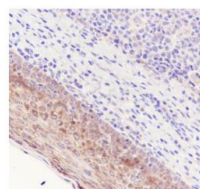
400-901-9800

— DATASHEET —

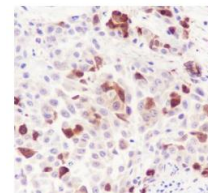
Host: Rabbit	Isotype: IgG	Applications: WB (1:200-1000) IHC-P (1:100-500) IHC-F (1:50-200) IF (1:50-200) Flow-Cyt (1:50-100) ICC/IF (1:50-200) ELISA (1:5000-10000)
Clonality: Recombinant	CloneNo.: 5E1	
GeneID: 3315	SWISS: P04792	
Target: HSP27 (Ser78)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human HSP27 around the phosphorylation site of Ser78: AL(p-S)RQ.		
Purification: affinity purified by Protein A		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse)
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: The protein encoded by this gene is induced by environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in this gene are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN). [provided by RefSeq, Oct 2008]		Predicted MW.: 23 kDa Subcellular Location: Cytoplasm ,Nucleus

— VALIDATION IMAGES —

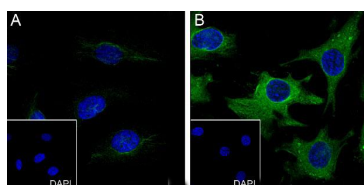
Hela (H) cells were treated with or without Anisomycin (25µg/mL) for 30 min, 25 µg total protein per lane of cell lysates (see on figure) probed with Phospho-HSP27 (Ser78) monoclonal antibody, unconjugated (bsm-52167R) at 1:500 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Tissue: Human tonsil Section type: Formalin-fixed & Paraffin-embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary Ab dilution: 1:500 Primary Ab incubation condition: 1 hour at room temperature Secondary Ab: Anti-Rabbit and Mouse Polymer HRP (Ready to use) Counter stain: Hematoxylin (Blue) Comment: Color brown is the positive signal for bsm-52167R



Tissue: Human cervical cancer Section type: Formalin-fixed & Paraffin-embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary Ab dilution: 1:500 Primary Ab incubation condition: 1 hour at room temperature Secondary Ab: Anti-Rabbit and Mouse Polymer HRP (Ready to use) Counter stain: Hematoxylin (Blue) Comment: Color brown is the positive signal for bsm-52167R



Cell line: A: HeLa, B HeLa+ Anisomycin(+)
 Fixation: 100% Ice-cold methanol
 Permeabilization: 0.1% Triton X-100 Primary Ab dilution: 1:50 Primary Ab incubation condition: 4°C overnight Secondary Ab: Goat Anti-Rabbit IgG Nuclear counter stain: DAPI (Blue) Comment: Color green is the positive signal for bsm-52167R