

bsm-52167R

[Primary Antibody]

Phospho-HSP27 (Ser78) Recombinant Rabbit mAb

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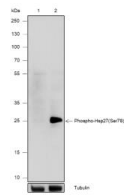
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400-901-9800

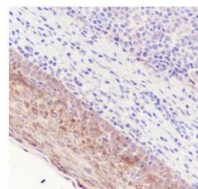
— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:50-200) IF (1:50-200) ICC/IF (1:50) ELISA (1:5000-10000)			
Clonality: Recombinant	CloneNo.: 5E1		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse)		
GeneID: 3315	SWISS: P04792			Predicted MW.: 23 kDa	
Target: Phospho-HSP27 (Ser78)					Subcellular Location: Cytoplasm ,Nucleus
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					
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]					

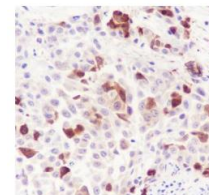
— VALIDATION IMAGES —



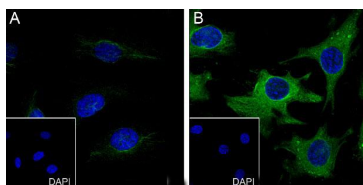
Blocking buffer: 5% NFD/MTBST Primary Ab dilution: 1:1000 Primary Ab incubation condition: 2 hours at room temperature Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP) Lysate: 1: HeLa + Anisomycin(-), 2 HeLa+ Anisomycin(+) Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 23 kDa Observed MW: 27 kDa



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

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