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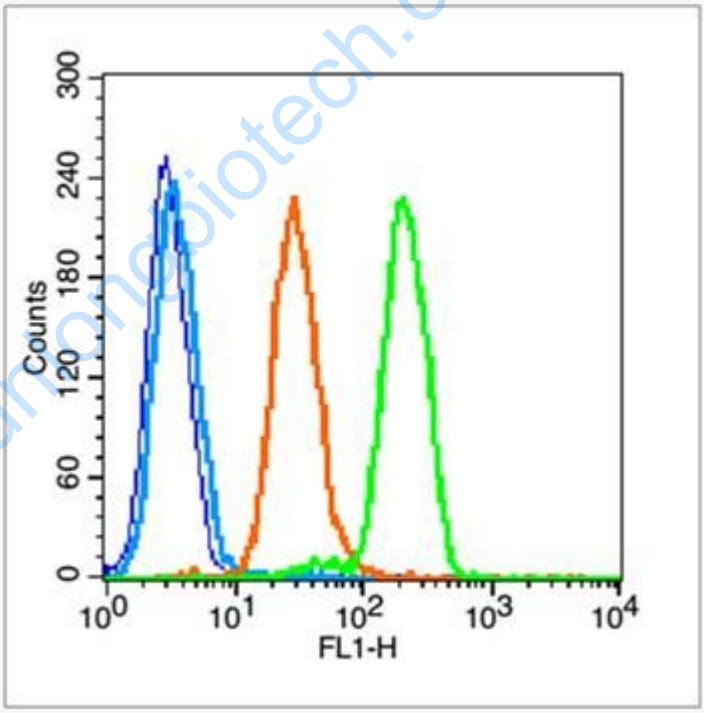
Rabbit Anti-phospho-Hsp90 beta (Ser226) antibody

SL18074R

Product Name:	phospho-Hsp90 beta (Ser226)
Chinese Name:	磷酸化热休克蛋白90β抗体
Alias:	Hsp90 beta (phospho S226); p-Hsp90 beta (phospho S226); 90 kda heat shock protein beta HSP90 beta; D6S182; FLJ26984; Heat shock 84 kDa; Heat shock 90kD protein 1, beta; Heat shock 90kDa protein 1 beta; Heat shock protein 90kDa alpha (cytosolic) class B member 1; Heat shock protein beta; Heat shock protein HSP 90 beta; Heat shock protein HSP 90-beta; HS90B_HUMAN; HSP 84; HSP 90; HSP 90 b; HSP 90b; HSP84; HSP90 BETA; hsp90ab1; HSP90B; HSPC2; HSPCB.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000Flow-Cyt=1μg/Test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	90kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human Hsp90 beta around the phosphorylation site of Ser226:EI(p-S)DD
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed:	PubMed
Product Detail:	This gene encodes a member of the heat shock protein 90 family; these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. This gene encodes the constitutive form of the cytosolic 90 kDa heat-shock protein and is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes. [provided by RefSeq, Dec 2012] **Function:** 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. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function. **Subcellular Location:** Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. **Post-translational modifications:** Ubiquitinated in the presence of STUB1-UBE2D1 complex (in vitro). ISGylated. S-nitrosylated; negatively regulates the ATPase activity. **Similarity:** Belongs to the heat shock protein 90 family. **SWISS:** P08238 **Gene ID:** 3326 **Database links:** Entrez Gene: 3326 Human Entrez Gene: 15516 Mouse Entrez Gene: 301252 Rat Omim: 140572 Human SwissProt: P08238 Human

	SwissProt: P11499 Mouse SwissProt: P34058 Rat Unigene: 509736 Human Unigene: 2180 Mouse Unigene: 98667 Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Blank control (blue line): A549 (fixed with 70% ethanol (Overnight at 4℃) and then permeabilized with 90% ice-cold methanol for 30 min on ice). Primary Antibody (green line): Rabbit Anti-phospho-Hsp90 beta (Ser226)antibody (SL18074R),Dilution: 1μg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG .

	Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC,Dilution: 1μg /test.