

## Mouse Monoclonal Antibody to HSP90AA1

<b>Catalogue Number</b>	sAP-0706
<b>Target Molecule</b>	<p><b>Name: HSP90AA1</b></p> <p><b>Aliases:</b> HSPN; LAP2; HSP86; HSPC1; HSPCA; Hsp89; Hsp90; HSP89A; HSP90A; HSP90N; HSPCAL1; HSPCAL4</p> <p><b>MW: 90kDa</b></p>
<b>Description</b>	HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. There are 2 major cytosolic HSP90 proteins, HSP90AA1, an inducible form, and HSP90AB1 (MIM 140572), a constitutive form. Other HSP90 proteins are found in endoplasmic reticulum (HSP90B1; MIM 191175) and mitochondria (TRAP1; MIM 606219) (Chen et al., 2005 [PubMed 16269234]).
<b>Immunogen</b>	Purified recombinant fragment of human HSP90AA1 expressed in E. Coli. ;
<b>Reactive Species</b>	Human; Mouse; Monkey
<b>Clone</b>	MM5G5;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	Mol Biol Cell. 2010 May 1;21(9):1462-9. ; Mol Cancer Ther. 2009 Dec;8(12):3296-306. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**