

## Mouse monoclonal antibody to Heat Shock Protein 90 [SJ-90]: IgG

<b>Catalogue No.:</b>	M-1178-100
<b>Description:</b>	Heat shock protein 90 (HSP90) is a highly conserved and ubiquitously expressed molecular chaperone. HSP90 plays important roles in folding newly synthesized proteins and stabilizing and refolding denatured proteins after stress. Two forms of HSP90, alpha and beta, are encoded by separate genes.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Heat Shock Protein from the water mould <i>Achlya ambisexualis</i>
<b>Clone:</b>	SJ-90
<b>Other Names:</b>	HSP 86; Renal carcinoma antigen NY-REN-38; HSP90AA1; HSP90A; HSPC1; HSPCA; HSP90AB1; HSP90B; HSPC2; HSPCB; Lipopolysaccharide-associated protein 2; LAP2; LPS-associated Protein 2;
<b>Accession:</b>	P07900 HS90A_HUMAN; P08238 HS90B_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Western Blotting (WB). A concentration of 2.0-4.0 ug/mL is recommended for WB. Human HSP90 (alpha isoform 1) has a predicted length of 732 residues and MW of 85 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Cross-reactivity:</b>	Human; mouse; rat; rabbit; chicken; frog;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
<b>Expiry Date:</b>	12 months after purchase

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