

Product datasheet for **AM20628PU-N**

HSP90AB1 Mouse Monoclonal Antibody [Clone ID: SJ-90]

Product data:

Product Type:	Primary Antibodies
Clone Name:	SJ-90
Applications:	WB
Recommended Dilution:	Western Blot: 2 - 4 µg/ml.
Reactivity:	Chicken, Frog, Human, Mouse, Rabbit, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Heat shock protein 90 (HSP90) from the water mold <i>Achlya ambisexualis</i>
Specificity:	This antibody reacts to Heat Shock Protein 90.
Formulation:	1.2 % sodium acetate, with 2 mg BSA and 0.01 mg sodium azide as preservative. State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.2% sodium acetate or neutral PBS
Concentration:	0,1 mg/ml (after reconstitution with PBS)
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	heat shock protein 90kDa alpha family class B member 1
Database Link:	<u>Entrez Gene 15516 Mouse</u> <u>Entrez Gene 301252 Rat</u> <u>Entrez Gene 3326 Human P08238</u>



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Background:	Heat Shock Protein 90 (HSP70) exists in multiple forms in mammalian cells. It has a unique 30-amino acid N terminus instead of the 223-amino acid TP/geldanamycin-binding domain found at the N terminus of full-length HSPCA, which contains 732 amino acids. Functional proteomic screens reveal an essential extracellular role for hsp90-alpha in cancer cell invasiveness.
Synonyms:	HSP90AB1, HSP90B, HSPC2, HSPCB, HSP84, HSP-90, HSP-84, Heat shock protein HSP 90-beta, HSP84, HSP-84, HSP90AA1, HSP90A, HSPC1, HSPCA, HSP86, HSP-86, Renal carcinoma antigen NY-REN-38, Heat shock protein HSP 90-alpha, HSP86, HSP-86
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Antigen processing and presentation, NOD-like receptor signaling pathway, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer