

## Product datasheet for **AP22747PU-N**

### HSP90AA1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Immunohistochemistry on Paraffin Sections:</b> 10 µg/ml. <b>Western Blot:</b> 1/1000.
Reactivity:	Human, Mouse, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Recombinant human Hsp90 R protein
Specificity:	This antibody reacts to Heat Shock Protein 90 (HSP90).
Formulation:	PBS containing 0.09% azide, 50% glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	heat shock protein 90kDa alpha family class A member 1
Database Link:	<a href="#">Entrez Gene 15519 Mouse</a> <a href="#">Entrez Gene 299331 Rat</a> <a href="#">Entrez Gene 3320 Human P07900</a>
Background:	Hsp90 (heat shock protein 90) is a chaperone protein that assists other proteins to fold properly, stabilizes proteins against heat stress, and aids in protein degradation. It also stabilizes a number of proteins required for tumor growth, which is why Hsp90 inhibitors are investigated as anti-cancer drugs. Heat shock proteins, as a class, are among the most highly expressed cellular proteins across all species.



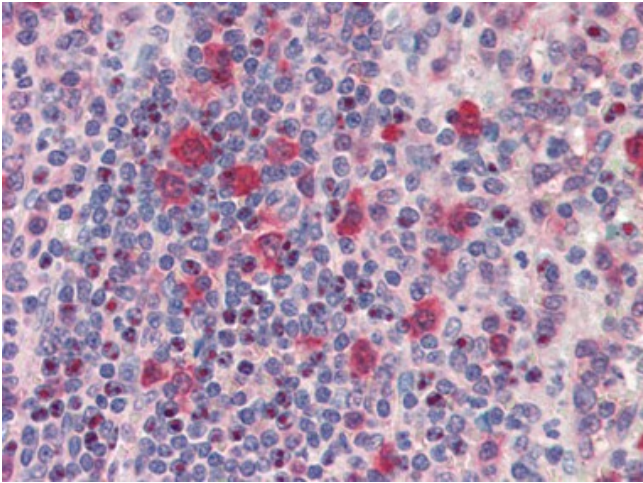
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**Synonyms:** HSP90AB1, HSP90B, HSPC2, HSPCB, HSP84, HSP-90, HSP-84, Heat shock protein HSP 90-beta, HSP84, HSP-84, HSP90AA1, HSP90A, HSPC1, HSPCA, HSP86, HSP-86, Renal carcinoma antigen NY-REN-38, Heat shock protein HSP 90-alpha, HSP86, HSP-86

**Protein Families:** Druggable Genome

**Protein Pathways:** Antigen processing and presentation, NOD-like receptor signaling pathway, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer

**Product images:**



Human Spleen (formalin-fixed, paraffin-embedded) stained with Heat Shock Protein 90 (HSP90) antibody at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.