

**Product Name: Hsp90 alpha/beta Rabbit Monoclonal antibody**  
**Catalog #: AMRe02127**

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## Summary

|                        |                                             |
|------------------------|---------------------------------------------|
| <b>Production Name</b> | Hsp90 alpha/beta Rabbit Monoclonal antibody |
| <b>Description</b>     | Recombinant rabbit monoclonal antibody      |
| <b>Host</b>            | Rabbit                                      |
| <b>Application</b>     | WB,IHC,ICC/IF,IP                            |
| <b>Reactivity</b>      | Human,Mouse,Rat                             |

## Performance

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                         |
| <b>Modification</b> | Unmodified                                                                                           |
| <b>Isotype</b>      | IgG                                                                                                  |
| <b>Clonality</b>    | Monoclonal Antibody                                                                                  |
| <b>Form</b>         | Liquid                                                                                               |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| <b>Purification</b> | Affinity Purified                                                                                    |

## Immunogen

|                          |                                                                                                                                                                                                                                                |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | HSP90AA1/HSP90AB1                                                                                                                                                                                                                              |
| <b>Alternative Names</b> | HSP90AA1; HSP90A; HSPC1; HSPCA; Heat shock protein HSP 90-alpha; Heat shock 86 kDa; HSP 86; HSP86; Renal carcinoma antigen NY-REN-38; HSP90AB1; HSP90B; HSPC2; HSPCB; Heat shock protein HSP 90-beta; HSP 90; Heat shock 84 kDa; HSP 84; HSP84 |
| <b>Gene ID</b>           | 3320/3326                                                                                                                                                                                                                                      |
| <b>SwissProt ID</b>      | P07900/P08238.                                                                                                                                                                                                                                 |

## Application

|                         |                                                               |
|-------------------------|---------------------------------------------------------------|
| <b>Dilution Ratio</b>   | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50 |
| <b>Molecular Weight</b> | Calculated MW: 85 kDa; Observed MW: 90 kDa                    |

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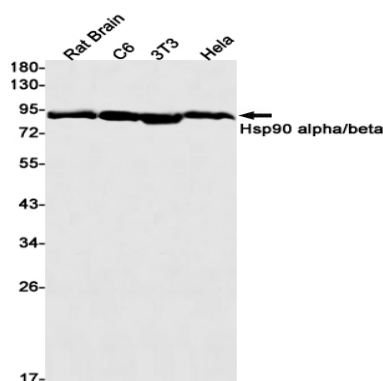
## Background

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.

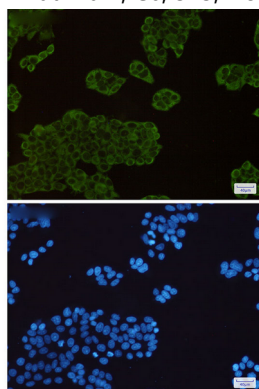
## Research Area

Signal Transduction

## Image Data



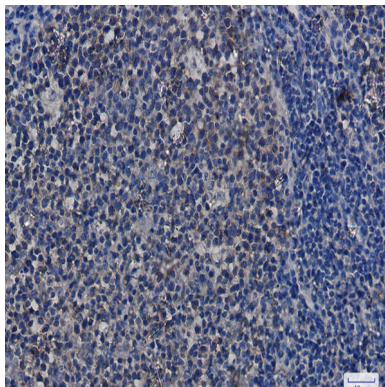
Western blot analysis of Hsp90 alpha/beta in rat Brain, C6, 3T3, HeLa lysates using Hsp90 alpha/beta antibody.



Immunocytochemistry analysis of Hsp90 alpha/beta(green) in HeLa using Hsp90 alpha/beta antibody, and DAPI(blue)

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Immunohistochemistry analysis of paraffin-embedded Human tonsil using Hsp90 alpha/beta antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

### **Note**

For research use only.