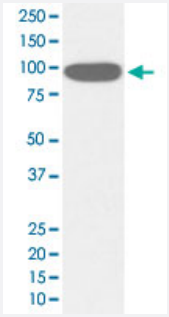
# HSP90B1 monoclonal antibody, clone AAHG-8

Catalog # MAB20111 Size 100 uL

## Applications




### Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with HSP90B1 monoclonal antibody, clone AAHG-8 (Cat # MAB20111).

## Specification

| | |
|---|---|
| **Product Description** | Rabbit monoclonal antibody raised against synthetic peptide of human HSP90B1. |
| **Immunogen** | A synthetic peptide corresponding to human HSP90B1. |
| **Host** | Rabbit |
| **Theoretical MW (kDa)** | 92.469 |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunocytochemistry (1:50-1:200)<br>Immunofluorescence (1:50-1:200)<br>Immunohistochemistry (1:50-1:200)<br>Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide). |

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| | |
|---|---|
| **Storage Instruction** | Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry
- Immunofluorescence
- Immunocytochemistry
- Western Blot (Cell lysate)

  Western Blot analysis of HeLa cell lysate with HSP90B1 monoclonal antibody, clone AAHG-8 (Cat # MAB20111).

## Gene Info — HSP90B1

| | |
|---|---|
| **Entrez GeneID** | 7184 |
| **Protein Accession#** | P14625 |
| **Gene Name** | HSP90B1 |
| **Gene Alias** | ECGP, GP96, GRP94, TRA1 |
| **Gene Description** | heat shock protein 90kDa beta (Grp94), member 1 |
| **Omim ID** | 191175 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduc tion, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally as sociate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. HSP90B1 is an endoplasmic reticulum H SP90 protein. Other HSP90 proteins are found in cytosol (see HSP90AA1; MIM 140571) and mit ochondria (TRAP1; MIM 606219) (Chen et al., 2005 [PubMed 16269234]).[supplied by OMIM |
| **Other Designations** | Tumor rejection antigen-1 (gp96)\|endothelial cell (HBMEC) glycoprotein\|glucose regulated protein , 94 kDa\|heat shock protein 90kDa beta, member 1\|tumor rejection antigen (gp96) 1 |

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## Pathway

- Pathways in cancer
- Prostate cancer

## Disease

- Bipolar Disorder
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Kidney Failure
- Schizophrenia

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