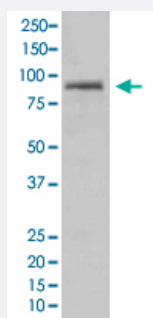


HSP90AA1 monoclonal antibody, clone CCF-8

Catalog # MAB20345 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with HSP90AA1 monoclonal antibody, clone CCF-8 (Cat # MAB20345).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human HSP90AA1.

Immunogen A synthetic peptide corresponding to human HSP90AA1.

Host Rabbit

Theoretical MW (kDa) 84.66

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:50-1:200)
- Western Blot (1:500-1:2000)
- 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).

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored 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 should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with HSP90AA1 monoclonal antibody, clone CCF-8 (Cat # MAB20345).

- Immunohistochemistry

- Immunocytochemistry

- Immunofluorescence

Gene Info — HSP90AA1

Entrez GeneID[3320](#)**Protein Accession#**[P07900](#)**Gene Name**

HSP90AA1

Gene Alias

FLJ31884, HSP86, HSP89A, HSP90A, HSP90N, HSPC1, HSPCA, HSPCAL1, HSPCAL4, HSPN, Hsp89, Hsp90, LAP2

Gene Description

heat shock protein 90kDa alpha (cytosolic), class A member 1

Omim ID[140571](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. There are 2 major cytosolic HSP90 proteins, HSP90AA1, an inducible form, and HSP90AB1 (MIM 140572), a constitutive form. Other HSP90 proteins are found in endoplasmic reticulum (HSP90B1; MIM 191175) and mitochondria (TRAP1; MIM 606219) (Chen et al., 2005 [PubMed 16269234]).[supplied by OMIM]

Other Designations

heat shock 90kD protein 1, alpha|heat shock 90kD protein 1, alpha-like 4|heat shock 90kD protein, alpha-like 4|heat shock 90kDa protein 1, alpha

Pathway

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- [Prostate cancer](#)

Disease

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