

Hsp90 Antibody (Clone S88)
Mouse Monoclonal Antibody
Catalog # ABV10075**Specification**

Hsp90 Antibody (Clone S88) - Product Information

Application	WB
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Bovine
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1

Hsp90 Antibody (Clone S88) - Additional Information

Application & Usage	Western blot analysis (1-2 µg/ml), immunoprecipitation (4-8 µg/ml) and Immunohistochemistry (10-20 µg/ml). However, the optimal conditions should be determined individually. The antibody recognizes a 90 kDa protein, corresponding to the apparent molecular weight of Hsp90 on SDS-PAGE immunoblots. This antibody detects both Hsp90 alpha and beta.
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Other Names

HSP90AA1, HSP90A, HSPCAL1 , HSPCAL4 , HSPN, HSP86, HSPCA, Hsp89, HSP90N, LAP2, HSPC1,
FLJ31884

Target/Specificity

Hsp90

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.2 mg/ml) in PBS containing 1 mg/ml BSA, 50% glycerol, and 0.2% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

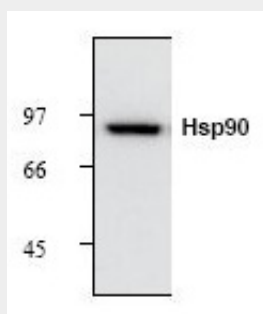
Precautions

Hsp90 Antibody (Clone S88) is for research use only and not for use in diagnostic or therapeutic procedures.

Hsp90 Antibody (Clone S88) - Protein Information**Hsp90 Antibody (Clone S88) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Hsp90 Antibody (Clone S88) - Images

Western blot analysis of Hsp90 with heat shocked human HeLa cell lysate.

Hsp90 Antibody (Clone S88) - Background

Hsp90 (also known as Hsp82, Hsp83, or Hsp89), a 90 kDa protein, is the most abundant protein in the cytosolic fraction in many cell types. The high level of Hsp90 in many cell types suggests that Hsp90 may play a general role in the cell, but little is known about its general function. Hsp90 has no known enzymatic activity, and thus it has been presumed that Hsp90 may function through protein-protein interactions. Hsp90 exists in a dimeric form and has been observed to bind to several cellular proteins such as retro-virus kinases (PP60v-src), steroid receptors, heme-regulated protein kinase, actin and tubulin. In this regard, Hsp90, like Hsp70, may function as a “molecular chaperone”. Hsp90 exists as two isoforms referred to as Hsp86 and HSP84 in murine cells or Hsp90 α and Hsp90 β in human cells.