**HSP90AA1 Ab**

<table>
<thead>
<tr>
<th>Cat.#: BF0084</th>
<th>Conc.: ~1mg/ml</th>
<th>Mol.Wt.: 90kDa</th>
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<tbody>
<tr>
<td>Size: 100ul,50ul</td>
<td>Source: Mouse</td>
<td>Clonality: Monoclonal</td>
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**Application:**
ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000, FCM 1:200-1:400
*The optimal dilutions should be determined by the end user.

**Reactivity:**
Human, Mouse, Monkey

**Purification:**
Affinity-chromatography.

**Immunogen:**
Purified recombinant fragment of human HSP90AA1 expressed in E. Coli.

**Uniprot:**
P07900

**Description:**
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.

**Storage:**
Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.
Stable for 12 months from date of receipt.

**Western blot analysis using**
HSP90AA1 mouse mAb against NIT/3T3(1),
Hela (2) HL-60(3) SK-Br-3(4),COS7 (5)

**Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using**
HSP90AA1 mouse mAb with DAB staining.
Flow cytometric analysis of HeLa cells using HSP90AA1 Ab(red).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.