

## Basic Information

<b>Product Name</b>	Anti-Hsp90 alpha/HSP90AA1 Antibody (Clone#OTI3B5)
<b>Gene Name</b>	HSP90AA1
<b>Source</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Species Reactivity</b>	human, mouse, rat
<b>Tested Application</b>	WB
<b>Contents</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Immunogen</b>	Full length human recombinant protein of human HSP90AA1 (NP_005339) produced in HEK293T cell.
<b>Concentration</b>	500 ug/ml
<b>Purification</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Observed MW</b>	84.7 kDa
<b>Dilution Ratios</b>	Western blot (WB):1:2000

## Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

## Background Information

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

## Selected Validation Data

**Anti-Hsp90 alpha/HSP90AA1 Antibody  
(Clone#OTI3B5)**

**Catalog Number: M01103-5**

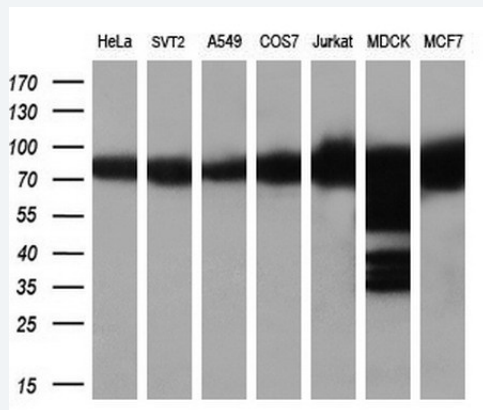


Figure 1. Western blot analysis of extracts (10ug) from 7 different cell lines by using anti-HSP90AA1 monoclonal antibody (1:200).