







HSP90AB1 (Ab-254) Antibody

Product Code CSB-PA575867 Storage Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. Uniprot No. P08238 Immunogen Synthesized non-phosphopeptide derived from Human HSP90B around the phosphorylation site of serine 254 (V-G-S(p)-D-E). Raised In Rabbit Species Reactivity Human, Mouse, Rat Specificity The antibody detects endogenous levels of total HSP90B protein. Tested Applications ELISA, WB, IHC, IF; WB:1:500-1:3000, IHC:1:50-1:100, IF:1:100-1:500 Relevance Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function. Lothar Goretzki, AACR Meeting Abstracts, Apr 2006; 2006: 468. Jean-Fran?ois Louvion, Mol. Biol. Cell, Nov 1998; 9: 3071. Angelika Lueking, Mol. Cell. Proteomics, Dec 2003; 2: 1342. Jason Fontana Circ, Res., May 2002; 90: 866. Form Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification Method The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-s		
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Image	Target Names	HSP90AB1
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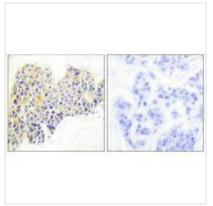








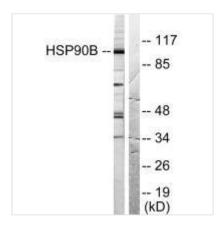




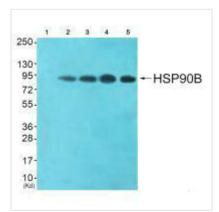
Immunohistochemical analysis of paraffinembedded human breast carcinoma tissue using HSP90B (Ab-254) antibody.



Immunofluorescence analysis of HeLa cells, treated with TNF-a (20nM, 15mins), using HSP90B (Ab-254) antibody.



Western blot analysis of extracts from Hela cells treated with TNF-α (20ng/ml, 30min), using HSP90B (Ab-254) antibody.



Western blot analysis of extracts from HeLa cells (Lane 2), CoLo cells (Lane 3), HepG2 cells (Lane 4) and 293 cells (Lane 5), using HSP90B (Ab-254) antiobdy. The lane on the left is treated with synthesized peptide.