



HSP90B (Phospho-Ser254) Antibody

#11196

Catalog Number: 11196-1, 11196-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P08238

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human HSP90B around the phosphorylation site of serine 254 (V-G-S_P-D-E)

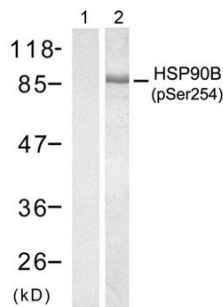
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity/Sensitivity: HSP90B (Phospho-Ser254) antibody detects endogenous levels of HSP90B only when phosphorylated at serine 254.

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 92kd WB: 1:500~1:1000



P-Peptide + -

Anisomycin+ +

Western blot analysis of extract from HT29 cells treated with anisomycin (500ng/ml, 30min), using HSP90B (Phospho-Ser254) antibody (#11196, Lane 1 and2).

Background : Molecular chaperone. Has ATPase activity

References:

Zhao R, Houry WA. (2007) Adv Exp Med Biol; 594: 27-36.

Olsen JV, et al. (2006) Cell; 127(3): 635-648

Ogiso H, et al. (2004) Biochemistry; 43(49): 15510-15519