

Gene Name

HSP90AB1, heat shock protein 90 alpha family class B member 1

Synonyms

HSP84; HSPC2; HSPCB; D6S182; HSP90B

Host

Rabbit

Reactivity

Human, Mouse, Rat, Bovin,
Monkey

Clonality

Polyclonal

Application

WB (1:500 - 1:1000),
IHC (1:100 - 1:200),
IF/IC (1:100 - 1:500)

Gene ID

3326, 15516, 301252

SwissProt

P08238, P11499, P34058

Concentration

1 mg/ml

Immunogen

KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S226 of human HSP90 beta protein. The exact sequence is proprietary.

Purification

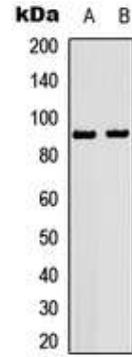
The antibody was purified by immunogen affinity chromatography.

Buffer

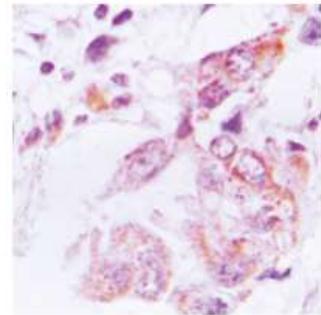
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Storage

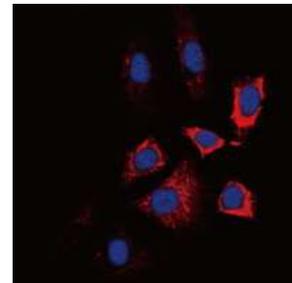
Store at -20°C for 12 months. Avoid repeated freeze / thaw cycles.



Western blot analysis of HSP90 beta (Phospho-S226) expression in L929 (A), Raw264.7 (B) whole cell lysates. (Predicted band size: 83 kD; Observed band size: 90 kD)



Immunohistochemical analysis of HSP90 beta (pS226) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of HSP90 beta (Phospho-S226) staining in L929 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4°C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).