Anti- HSP90B (Phospho-Ser254) Polyclonal Antibody

Catalog No.	Size
A100007-01	50 µl
A100007-02	100 µl

Specificity	Anti- HSP90B (Phospho-Ser254) (human Mouse Rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC IF
Form	Liquid, 1 mg/ml

Specificity and Sensitivity

Swiss-Prot No.: P08238

Other Names: HS90B, HSP 84, HSP90-beta, HSP90AB1, HSPC2, HSPCB, Heat shock protein HSP 90-beta

Specificity and Sensitivity

HSP90B (phospho-Ser254) antibody detects endogenous levels of HSP90B only when phosphorylated at serine 254.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human HSP90B around the phosphorylation site of serine 254 (V-G-S^{P}-D-E).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~3000 IHC: 1:50~100

IF: 1:100~1:500 ELISA: 1:40000

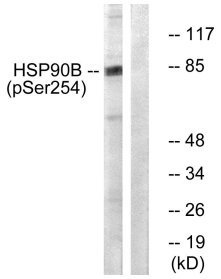
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

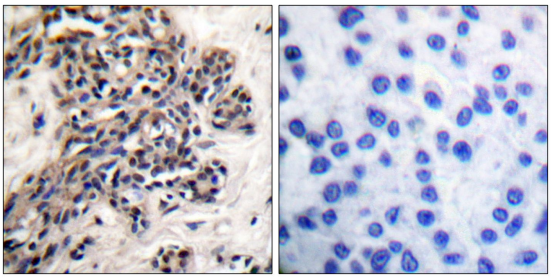
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



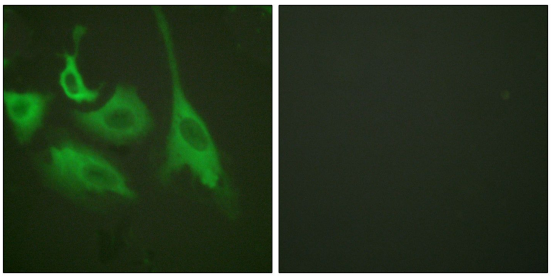
P-peptide - +

Western blot analysis of extracts from Hela cells treated with TNF-α (10ng/ml, 30mins), using HSP90B (phospho-Ser254) antibody.



P-peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using HSP90B (phospho-Ser254) antibody.



TNF-a + -

Immunofluorescence analysis of HeLa cells, treated with TNF-a (20nM, 15mins), using HSP90B (phospho-Ser254) antibody.

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