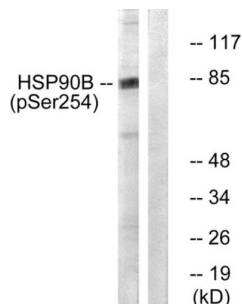
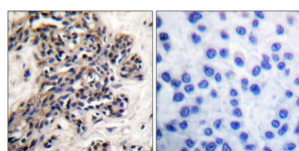


# Heat Shock Protein 90 kDa Beta Phospho-Ser254 (HSP90B pS254) Antibody

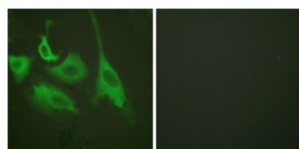
Catalogue No.: abx012405



Western blot analysis of extracts from HeLa cells treated with TNF-alpha (10 ng/ml, 30mins), using HSP90B (phospho-Ser254) antibody. The lane on the right is blocked with the phosphopeptide.



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



Immunofluorescence analysis of HeLa cells, treated with TNF-a (20nM, 15mins), using HSP90B (phospho-Ser254) antibody. The picture on the right is blocked with the phosphopeptide.

Rabbit polyclonal antibody against HSP90B protein. Immunogen region is Internal. Specificity is as follows for the reactive species: H:S254, M:S254, R:S254.

**Target:** Heat Shock Protein 90 kDa Beta Phospho-Ser254 (HSP90B pS254)

**Clonality:** Polyclonal

**Target Modification:** Ser254

**Modification:** Phosphorylation

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** ELISA, WB, IHC, IF/ICC

# Datasheet

Version: 5.0.0  
Revision date: 12 Oct 2025



|                               |                                                                                                                                                                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host:</b>                  | Rabbit                                                                                                                                                                                                                                     |
| <b>Recommended dilutions:</b> | ELISA: 1/40000, WB: 1/500 - 1/3000, IHC: 1/50 - 1/100, IF/ICC: 1/100 - 1/500. Optimal dilutions/concentrations should be determined by the end user.                                                                                       |
| <b>Conjugation:</b>           | Unconjugated                                                                                                                                                                                                                               |
| <b>Immunogen:</b>             | The antiserum was produced against synthesized phosphopeptide derived from Human HSP90B around the phosphorylation site of serine 254 (V-G-S <sup>P</sup> -D-E).                                                                           |
| <b>Isotype:</b>               | IgG                                                                                                                                                                                                                                        |
| <b>Form:</b>                  | Liquid                                                                                                                                                                                                                                     |
| <b>Purification:</b>          | 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. |
| <b>Storage:</b>               | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                                                                                                                             |
| <b>UniProt Primary AC:</b>    | P08238 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                                                                                                                |
| <b>KEGG:</b>                  | hsa:3326                                                                                                                                                                                                                                   |
| <b>String:</b>                | <a href="#">9606.ENSP00000360609</a>                                                                                                                                                                                                       |
| <b>Buffer:</b>                | PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02% sodium azide, 50% glycerol.                                                                                                                               |
| <b>Specificity:</b>           | Detects endogenous levels of HSP90B only when phosphorylated at serine 254.                                                                                                                                                                |
| <b>Concentration:</b>         | 1 mg/ml                                                                                                                                                                                                                                    |
| <b>Note:</b>                  | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.                                                                                                 |