

Product datasheet for **TA312344**

HSP90AB1 Rabbit Polyclonal Antibody

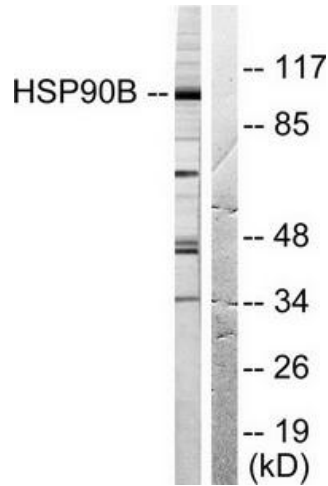
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1:500~1000, IHC: 1:50~100, IP: Various Dilution IF: 1:100~1:500, ELISA: 1:40000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from human HSP90B around the phosphorylation site of serine 254 (V-G-SP-D-E).
Formulation:	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	heat shock protein 90kDa alpha family class B member 1
Database Link:	NP_031381 Entrez Gene 15516 Mouse Entrez Gene 301252 Rat Entrez Gene 3326 Human P08238
Synonyms:	D6S182; HSP84; HSP90B; HSPC2; HSPCB
Note:	HSP90B (Ab-254) antibody detects endogenous levels of total HSP90B protein.
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Antigen processing and presentation, NOD-like receptor signaling pathway, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer

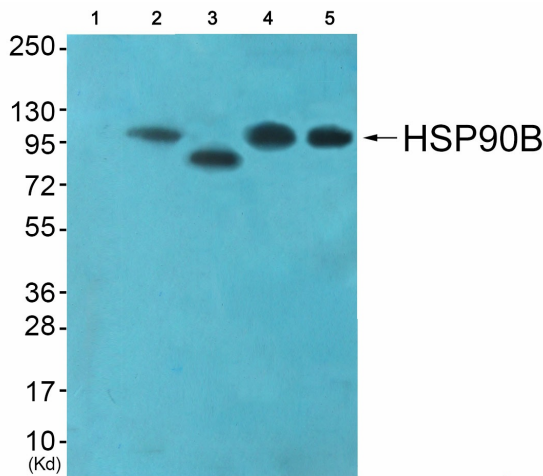


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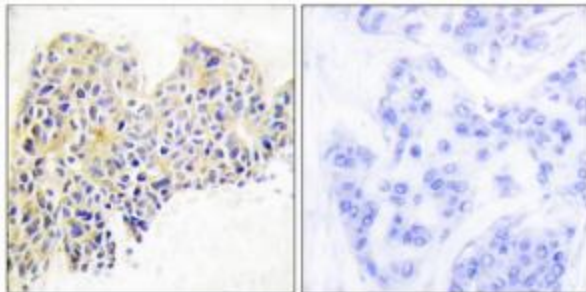
Product images:



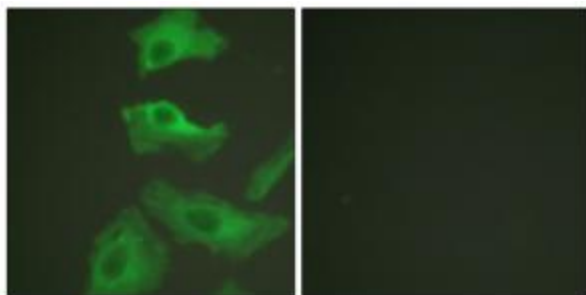
Western blot analysis of extracts from HeLa cells treated with TNF- α (20ng/ml, 30min), using HSP90B (Ab-254) antibody (#TA312344, Line 1 and 2).The lane on the right is treated with the synthesized peptide.



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) Antibody. The lane on the left is treated with synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HSP90B (Ab-254) antibody (#TA312344).The picture on the right is treated with the synthesized peptide.



Immunofluorescence analysis of HeLa cells, treated with TNF- α (20nM, 15mins), using HSP90B (Ab-254) antibody (#TA312344). The picture on the right is treated with the synthesized peptide.