

Datasheet for ABIN1531182
anti-HSP90AB1 antibody (pSer254)



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3 Images

Overview

Quantity:	100 µL
Target:	HSP90AB1
Binding Specificity:	AA 226-275, pSer254
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSP90AB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human HSP90B around the phosphorylation site of Ser254.
Isotype:	IgG
Specificity:	HSP90B (Phospho-Ser254) Antibody detects endogenous levels of HSP90B only when phosphorylated at Ser254. PhosphorylationH:S254 M:S254 R:S254
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

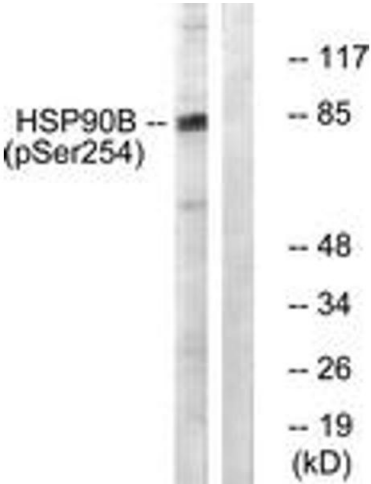
Target:	HSP90AB1
Alternative Name:	HSP90B (HSP90AB1 Products)
Background:	Synonyms: HS90B, HSP 84, HSP90-beta, HSP90AB1, HSPC2, HSPCB, Heat shock protein HSP 90-beta NCBI Gene Symbol: HSP90AB1
Molecular Weight:	83 kDa
Gene ID:	3326
OMIM:	140572
UniProt:	P08238
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:40000
Comment:	Unigene-Number: Hs.509736, Hs.689683 (NCBI Gene Symbol: HSP90AB1)
Restrictions:	For Research Use only

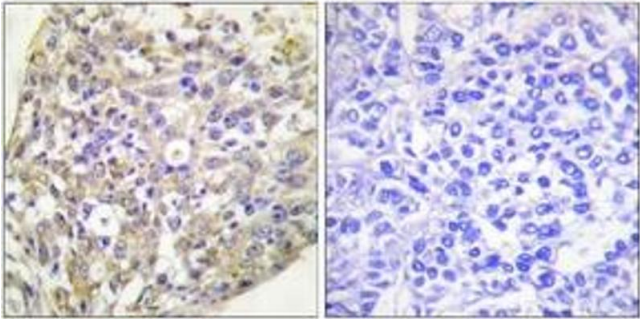
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



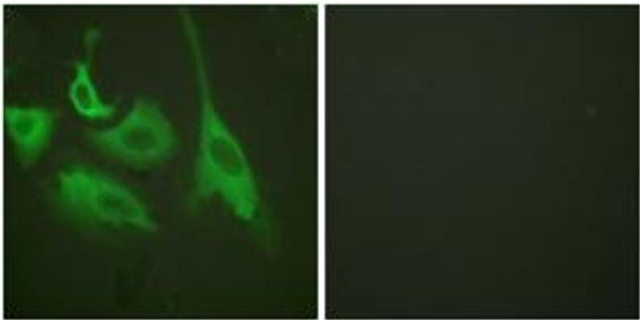
Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells treated with TNF- α 10ng/ml 30', using HSP90B (Phospho-Ser254) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using HSP90B (Phospho-Ser254) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells treated with TNF- α 20nM 15', using HSP90B (Phospho-Ser254) Antibody. The picture on the right is treated with the synthesized peptide.