

IkappaB-beta Antibody | anti-IKBB antibody

IkappaB-beta (Phospho-Ser23) Antibody

CATALOG # AAA267319	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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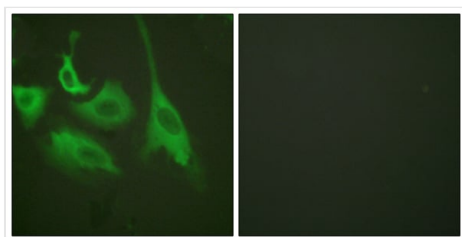
PRODUCT SYNONYMS

IkappaB-beta; IkappaB-beta (Phospho-Ser23) Antibody; HS90B; HSP 84; HSP90-beta; HSP90AB1; HSPC2; HSPCB; Heat shock protein HSP 90-beta; anti-IKBB antibody

PRODUCT SPECIFICATIONS

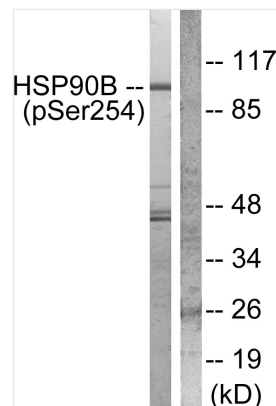
Reactivity	Human, Mouse, Rat
Specificity	HSP90B (phospho-Ser254) antibody detects endogenous levels of HSP90B only when phosphorylated at serine 254.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	724
Applicable Applications for anti-IKBB antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human HSP90B around the phosphorylation site of serine 254 (V-G-SP-D-E).
All Sites	Human: Ser254 Mouse: Ser254 Rat: Ser254
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



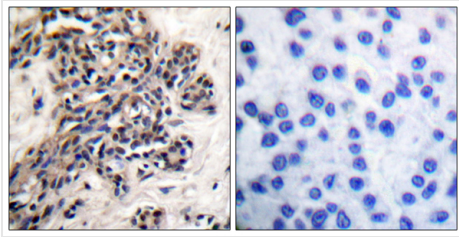
IF (Immunofluorescence)

TNF-α +/- Immunofluorescence analysis of HeLa cells, treated with TNF-α (20nM, 15mins), using HSP90B (phospho-Ser254) antibody (#11313).



WB (Western Blot)

Western blot analysis of extracts from HeLa cells treated with TNF-α (20ng/ml, 30mins), using HSP90B (phospho-Ser254) antibody.



IHC (Immunohistochemistry)
P-peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HSP90B (phospho-Ser254) antibody.

ADDITIONAL INFORMATION

References	Lothar Goretzki, AACR Meeting Abstracts, Apr 2006; 2006: 468. Jean-François Louvion, Mol. Biol. Cell, Nov 1998; 9: 3071. Angelika Lueking, Mol. Cell. Proteomics, Dec 2003; 2: 1342. Jason Fontana Circ. Res., May 2002; 90: 866.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	431822401
NCBI GeneID	3326
NCBI Accession #	NP_001258898.1
NCBI GenBank Nucleotide #	NM_001271969.1
UniProt Accession #	P08238; Q5T9W7; Q9NQW0; Q9NTK6; B2R5P0
Molecular Weight	83,264 Da
NCBI Official Full Name	heat shock protein HSP 90-beta isoform a
NCBI Official Synonym Full Names	heat shock protein 90 alpha family class B member 1
NCBI Official Symbol	HSP90AB1
NCBI Official Synonym Symbols	HSP84; HSPC2; HSPCB; D6S182; HSP90B
NCBI Protein Information	heat shock protein HSP 90-beta
UniProt Protein Name	Heat shock protein HSP 90-beta
UniProt Gene Name	HSP90AB1
UniProt Synonym Gene Names	HSP90B; HSPC2; HSPCB; HSP 90; HSP 84; HSP84

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.