

HSP27(Phospho-Ser15) Antibody

Catalog No: #11164



Package Size: #11164-1 50ul #11164-2 100ul #11164-4 25ul

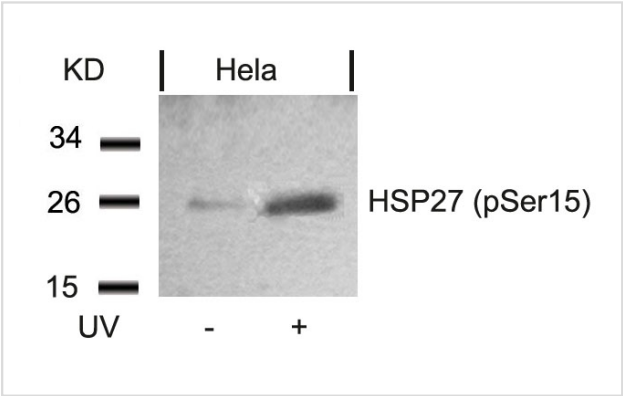
Overview

Product Name	HSP27(Phospho-Ser15) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Peptide-KLH
Target Name	HSP27
Modification	Phospho-Ser15
Alternative Names	CMT2F, HMN2B, HSP27, HSP28, Hsp25

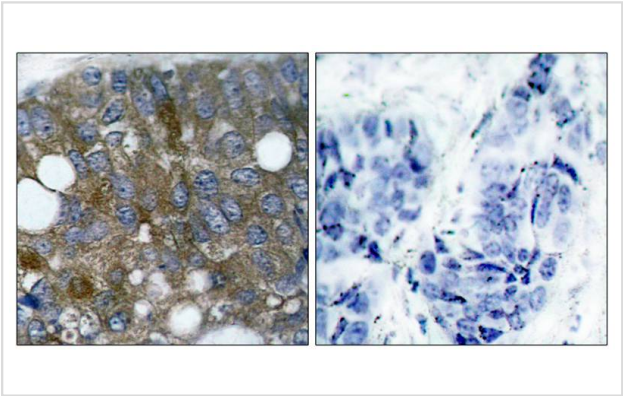
Application Details

Predicted MW: 27kd
Western blotting: 1:500~1:1000
Immunohistochemistry: 1:50~1:100
Immunofluorescence: 1:100~1:200

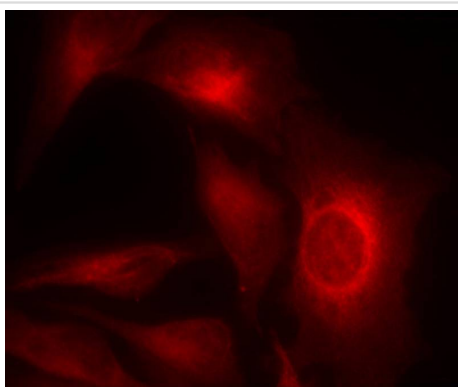
Images



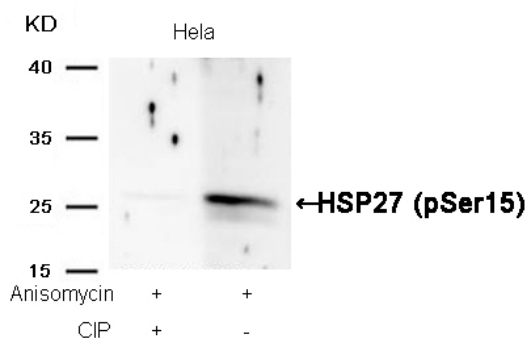
Western blot analysis of extracts from HeLa cells untreated or treated with UV using HSP27(Phospho-Ser15) Antibody #11164.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HSP27(Phospho-Ser15) Antibody #11164(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells showing cytoplasmic staining using HSP27(Phospho-Ser15) Antibody #11164.



Western blot analysis of extracts from HeLa cells, treated with Anisomycin or calf intestinal phosphatase (CIP), using HSP27 (Phospho-Ser15) Antibody #11164.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine15 (G-P-S(p)-W-D) derived from Human HSP27.
Specificity	The antibody detects endogenous level of HSP27 only when phosphorylated at serine 15.
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P04792NCBI Protein: NP_001531.1

Related Information

Involved in stress resistance and actin organization.

Tremolada L, et al. (2005) Proteomics. 5(3): 788-795.

McGregor E, et al. (2004) Mol Cell Proteomics. 3(2): 115-124.

Benn SC, et al. (2002) Neuron. 36(1): 45-56.

MacDonald JA, et al. (2002) Mol Cell Proteomics. 1(4): 314-322.

Published Papers

Ah-Mee Park a, Masatoshi Kudo b, Satoru Hagiwara b et al., p38MAPK suppresses chronic pancreatitis by regulating HSP27 and BAD expression, Free Radical Biology and Medicine, 52(11-12):2284-91(2012)

[PMID:22549003](https://pubmed.ncbi.nlm.nih.gov/22549003/)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.