

## HSP27(Phospho-Ser78) Antibody

Catalog No: #AB11247



Package Size: #AB11247-1 50ul #AB11247-2 100ul #AB11247-4 25ul

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## Description

Product Name	HSP27(Phospho-Ser78) Antibody
Host Species	Rabbit
Clonality	Polyclonal
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.
Applications	WB IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of HSP27 only when phosphorylated at serine 78.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 78 (A-L-S(p)-R-Q) derived from Human HSP27.
Target Name	HSP27
Modification	Phospho-Ser78
Other Names	28 kDa heat shock protein; Estrogen-regulated 24 kDa protein; Growth-related 25 kDa protein; HSP 27; HSP25
Accession No.	Swiss-Prot: P04792NCBI Protein: NP_001531.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 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.

## Application Details

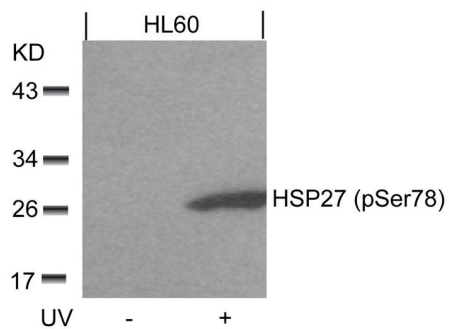
Predicted MW: 27kd

Western blotting: 1:500~1:1000

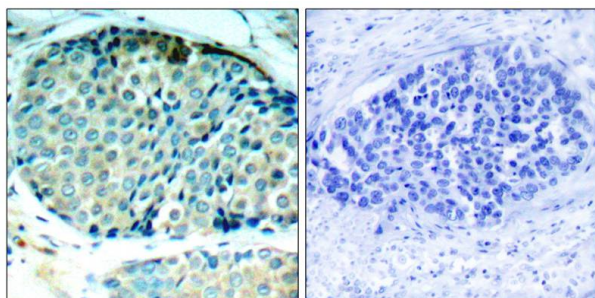
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

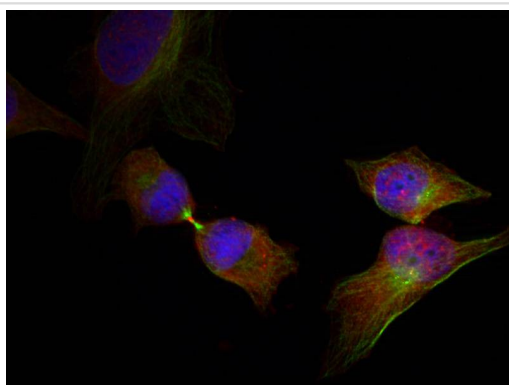
## Images



Western blot analysis of extracts from HL60 cells untreated or treated with UV using HSP27(Phospho-Ser78) Antibody #AB11247.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HSP27(Phospho-Ser78) Antibody #AB11247(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells showing cytoplasmic, nuclear, centrosomal, midbody staining using HSP27(Phospho-Ser78) Antibody #AB11247.

## Background

Involved in stress resistance and actin organization.

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