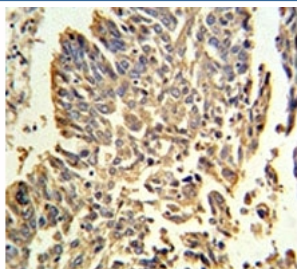


## HSP27 Antibody (F50185)

Catalog No.	Formulation	Size
F50185-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50185-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Bovine, Mouse, Rat
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	P04792
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
<b>Limitations</b>	This HSP27 antibody is available for research use only.



HSP27 antibody IHC analysis in formalin fixed and paraffin embedded human lung carcinoma.



Western blot analysis of HSP27 antibody and MCF-7 lysate

## Description

HSP27 is a chaperone of the sHsp (small heat shock protein) group among ubiquitin,  $\alpha$ -crystallin, Hsp20 and others. The common functions of sHsps are chaperone activity, thermotolerance, inhibition of apoptosis, regulation of cell development, and cell differentiation. They also take part in signal transduction. [Wiki]

## Application Notes

Titration of the HSP27 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 108-136 from human HSPB1 was used as the immunogen for this HSP27 antibody.

## Storage

Aliquot the HSP27 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.