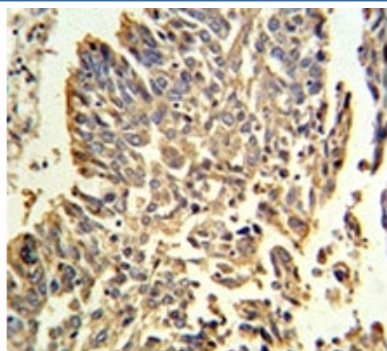


## HSP27 Antibody (F50185)

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>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.

130  
72  
55  
36  
28  
17

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 -20°C or colder. Avoid repeated freeze-thaw cycles.