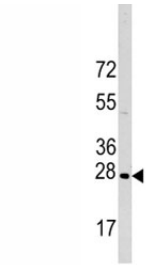
HSP27 Antibody (F50182)

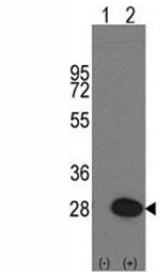
Catalog No.	Formulation	Size
F50182-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50182-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P04792
Applications	Western blot: 1:1000
Limitations	This HSP27 antibody is available for research use only.



Western blot analysis of HSP27 antibody and HeLa lysate.



Western blot analysis of HSP27 antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the HSPB1 gene (2).

Description

In response to adverse changes in their environment, cells from many organisms increase the expression of a class of proteins referred to as heat shock or stress proteins. HSBP1/HSP27 exhibits rapid increased phosphorylation in response to various mitogens, tumor promoters (e.g. phorbol esters) and calcium ionophores, and high levels are associated with carcinoma of the breast and with endometrial adenocarcinomas.

For an additional monoclonal antibody to HSPB1 with Protein Microarray Validated specificity data, see our HSPB1 Antibody / Heat Shock Protein Beta-1 Antibody page.

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 61-90 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.

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