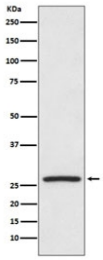
HSP27 Antibody [clone HII-8] (RQ5080)

Catalog No.	Formulation	Size
RQ5080	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	HII-8
Purity	Affinity purified
UniProt	P04792
Applications	Western Blot : 1:500-1:1000
Limitations	This HSP27 antibody is available for research use only.



Western blot testing of human HeLa cell lysate with HSP27 antibody. Expected molecular weight: 23-27 kDa.

Description

Heat shock protein beta-1, also called HSP27, is a small heat shock protein which functions as a molecular chaperone probably maintaining denatured proteins in a folding-competent state. Plays a role in stress resistance and actin organization. Through its molecular chaperone activity may regulate numerous biological processes including the phosphorylation and the axonal transport of neurofilament proteins. [UniProt]

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

Optimal dilution of the HSP27 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human HSP27 / HSPB1 was used as the immunogen for the HSP27 antibody.

Storage

Store the HSP27 antibody at -20oC.

Copyright © NSJ Bioreagents. All rights reserved.