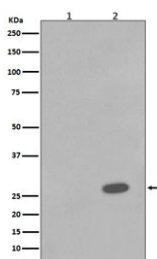


## Phospho-HSP27 Antibody (pS78) [clone IBC-8] (RQ5081)

Catalog No.	Formulation	Size
RQ5081	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
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	IBC-8
Purity	Affinity purified
UniProt	P04792
Applications	Western Blot : 1:500-1:2000
Limitations	This phospho-HSP27 antibody (pS78) is available for research use only.



Western blot testing of lysate from human A431 cells 1) untreated or 2) treated with Anisomycin, with phospho-HSP27 antibody (pS78). Expected molecular weight: 24-27 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]

### Application Notes

Optimal dilution of the phospho-HSP27 antibody (pS78) should be determined by the researcher.

## Immunogen

A synthetic peptide specific to human Heat Shock Protein 27 (surrounding pS78) was used as the immunogen for the phospho-HSP27 antibody.

## Storage

Store the phospho-HSP27 antibody (pS78) at -20oC.