

## Hsp27 Rabbit mAb

Catalog No: #52347

Package Size: #52347-1 50ul #52347-2 100ul

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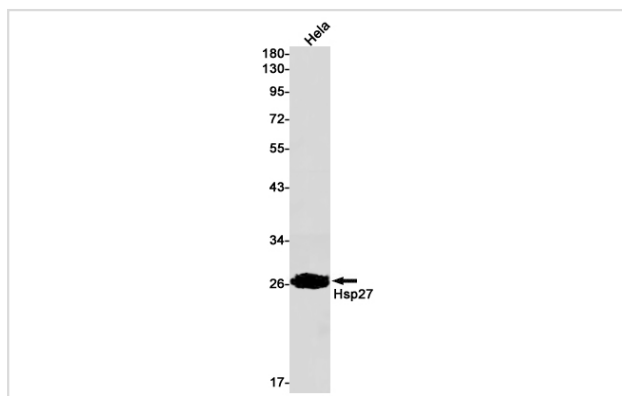
## Description

Product Name	Hsp27 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S03-9F4
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human Hsp27
Conjugates	Unconjugated
Modification	Unmodification
Other Names	CMT2F; HMN2B; HSP27; HSP28; Hsp25; SRP27; HS.76067; HEL-S-102
Accession No.	Swiss-Prot:P04792GenelD:3315
Uniprot	P04792
GenelD	3315
Calculated MW	Calculated MW: 23 kDa; Observed MW: 27 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

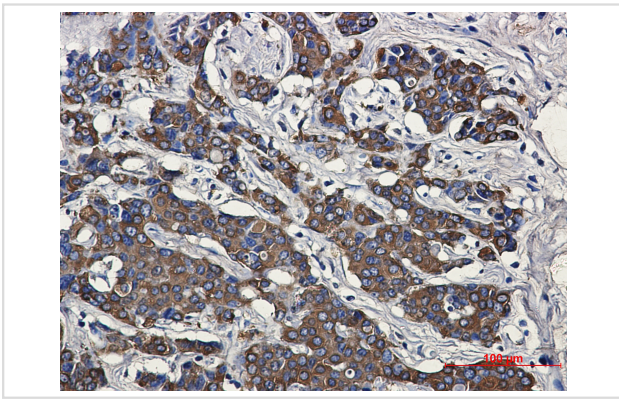
## Application Details

WB: 1/1000; IHC: 1/50

## Images



Western blot detection of Hsp27 in HeLa cell lysates using Hsp27 Rabbit mAb(1:1000 diluted). Predicted band size:23kDa.Observed band size:27kDa.



Immunohistochemical of Hsp27 in Human breast cancer tissue using Hsp27 antibody at dilution 1/50

## Background

Swiss-Prot Acc.P04792. Small heat shock protein which functions as a molecular chaperone probably maintaining denatured proteins in a folding-competent state (PubMed:10383393, PubMed:20178975). Plays a role in stress resistance and actin organization (PubMed:19166925). Through its molecular chaperone activity may regulate numerous biological processes including the phosphorylation and the axonal transport of neurofilament proteins (PubMed:23728742).

Note: This product is for in vitro research use only