

# Product Datasheet

## HSP27 Antibody (HSPB1/774) - IHC-Prediluted NBP2-48186

Unit Size: 7 ml

Store at 4C.

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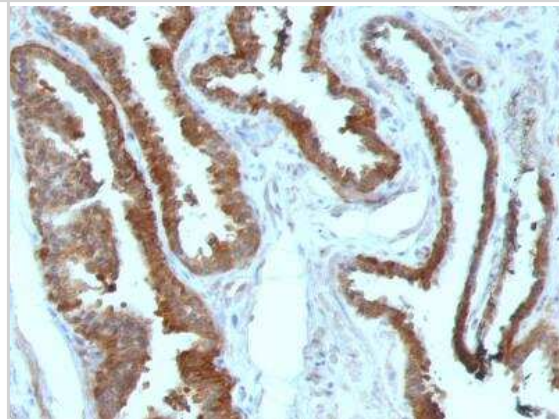
**NBP2-48186****HSP27 Antibody (HSPB1/774) - IHC-Prediluted**

<b>Product Information</b>	
<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HSPB1/774
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA
<b>Target Molecular Weight</b>	27 kDa
<b>Product Description</b>	
<b>Description</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
<b>Host</b>	Mouse
<b>Gene ID</b>	3315
<b>Gene Symbol</b>	HSPB1
<b>Species</b>	Human, Mouse, Rat, Chicken, Chimpanzee, Sheep
<b>Reactivity Notes</b>	Human, Chimpanzee, Sheep, Rat, Mouse, and Chicken. Others-not known.
<b>Specificity/Sensitivity</b>	It recognizes a 24-27kDa estrogen-regulated protein, identified as heat shock protein 27 (hsp27). Hsp27 was recently found to be identical to the estrogen-induced protein. About 50% of breast carcinomas are positive for hsp27 especially those that are also positive for estrogen and/or progesterone receptor. HSP27 has also been implicated in drug resistance in cancer cells.
<b>Immunogen</b>	Recombinant human HSP27 protein (Uniprot: P04792)
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

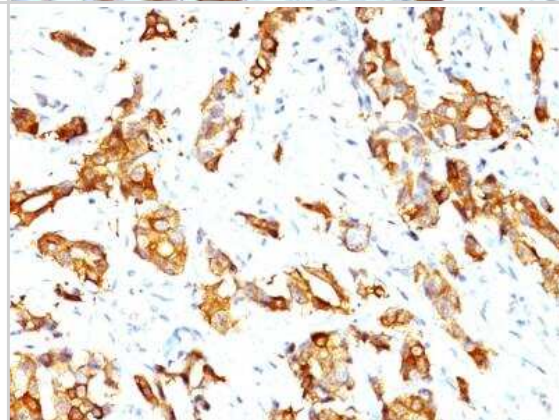


## Images

Immunohistochemistry-Paraffin: HSP27 Antibody (HSPB1/774) - IHC-Prediluted [NBP2-48186] - Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with HSP27 Monoclonal Antibody (HSPB1/774)



Immunohistochemistry-Paraffin: HSP27 Antibody (HSPB1/774) - IHC-Prediluted [NBP2-48186] - Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with HSP27 Monoclonal Antibody (HSPB1/774)





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### **Products Related to NBP2-48186**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-75477PEP	HSP27 Antibody Blocking Peptide

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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