

Product Datasheet

HSP27 Antibody (HSPB1/774) [Janelia Fluor® 646] NBP2-48002JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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HSP27 Antibody (HSPB1/774) [Janelia Fluor® 646]

Product Information

Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	HSPB1/774
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Janelia Fluor 646
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description

Host	Mouse
Gene ID	3315
Gene Symbol	HSPB1
Species	Human, Mouse, Rat, Chicken, Chimpanzee, Sheep
Reactivity Notes	Human, Chimpanzee, Sheep, Rat, Mouse, and Chicken. Others-not known.
Specificity/Sensitivity	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.
Immunogen	Recombinant human HSP27 protein (Uniprot: P04792)
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus

Product Application Details

Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Products Related to NBP2-48002JF646

NBP1-75477PEP	HSP27 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
DYC2314-2	HSP27 [p Ser78, p Ser82] [Biotin]
AF835	Caspase-3 Antibody [Unconjugated] - Active

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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