

HSP27 (Heat Shock Protein 27) Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone SPM252] Catalog # AH10484

Product Information

Application WB, IF, FC, IHC-P

 Primary Accession
 P04792

 Other Accession
 3315, 520973

Reactivity Human, Mouse, Rat, Chicken, Chimpanzee, Sheep

Host Mouse **Clonality** Monoclonal

Isotype Mouse / IgG1, kappa

Clone Names SPM252 Calculated MW 27 KDa

Additional Information

Other Names Heat shock protein beta-1, HspB1, 28 kDa heat shock protein,

Estrogen-regulated 24 kDa protein, Heat shock 27 kDa protein, HSP 27,

Stress-responsive protein 27, SRP27, HSPB1, HSP27, HSP28

Application Note WB~~1:1000 IF~~1:50~200 FC~~1:10~50 IHC-P~~N/A

Format 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G.

Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available

WITHOUT BSA at 1.0mg/ml.

Storage Store at 2 to 8°C.Antibody is stable for 24 months.

Precautions HSP27 (Heat Shock Protein 27) Antibody - With BSA and Azide is for research

use only and not for use in diagnostic or therapeutic procedures.

Protein Information

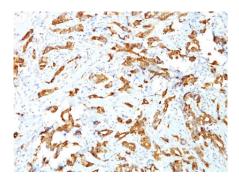
Background

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 [p29 and [p24K 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.

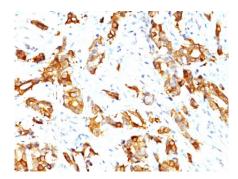
References

Edwards DP et. al. Biochem Biophys Research Commun, 93:804-812, 1980. | Ciocca DR et. al. Breast Cancer Research and Treatment, 20:33-42, 1991

Images



Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with HSP27 Monoclonal Antibody (SPM252)



Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with HSP27 Monoclonal Antibody (SPM252)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.