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36-1240: Monoclonal Antibody to HSP27 (Heat Shock Protein 27)(Clone : SPM252)

Clonality :	Monoclonal
Clone Name :	SPM252
Application :	FACS,IF,WB,IHC
Reactivity :	Human, Rat, Mouse
Gene :	HSPB1
Gene ID :	3315
Uniprot ID :	P04792
Format :	Purified
Alternative Name :	HSPB1,HSP27,HSP28
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Partially purified hsp27 (earlier called 24K) protein from breast cancer MCF-7 cells.

Description

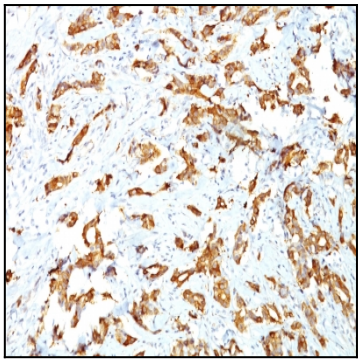
It recognizes a 24-27kDa estrogen-regulated protein, identified as heat shock protein 27 (hsp27). Hsp27 was recently found to be identical to the estrogen-induced p29 and 24K protein. About 50% of breast carcinomas are positive for hsp27 especially those that are also positive for estrogen and/or progesterone receptor. HSP27 has also been implicated in drug resistance in cancer cells.

Product Info

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

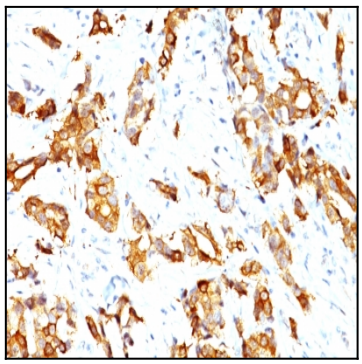
Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml); ,Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 &degC followed by cooling at RT for 20 minutes),



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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

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