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## Product Datasheet

### HSP27 Antibody, Clone: [SPM252], Mouse, Monoclonal NSJ-V9024-100UG

Article Name	HSP27 Antibody, Clone: [SPM252], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V9024-100UG
Supplier Catalog Number	V9024-100UG
Alternative Catalog Number	NSJ-V9024-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	FACS, IF, IHC-P, WB
Species Reactivity	Human
Immunogen	Partially purified HSP27 protein from the human breast cancer cell line MCF-7 was used as the immunogen for this HSP27 antibody.
Product 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 t...
Clonality	Monoclonal
Clone Designation	[SPM252]
UniProt	<a href="#">P04792</a>
Purity	Protein G affinity chromatography

Form	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Antibody Type	Primary Antibody
Application Dilute	Flow cytometry: 1-2ug/10 <sup>6</sup> cells, Immunofluorescence: 1-2ug/ml, Western blot: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Application Notes	<p>The optimal dilution of the HSP27 antibody for each application should be determined by the researcher.</p> <ol style="list-style-type: none"> <li>1. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.</li> <li>2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.</li> </ol>