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## Product Datasheet

### HSP27 Antibody, Clone: [G3.1], Unconjugated, Mouse, Monoclonal BYT-ORB2637736

Article Name	HSP27 Antibody, Clone: [G3.1], Unconjugated, Mouse, Monoclonal
Biozol Catalog Number	BYT-ORB2637736
Supplier Catalog Number	orb2637736
Alternative Catalog Number	BYT-ORB2637736-100
Manufacturer	Biorbyt
Host	Mouse
Category	Antikörper
Application	FACS, IF, IHC-P, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Partially purified human HSP27 (earlier called 24K) from breast cancer MCF-7 cells was used as the immunogen for this antibody.
Conjugation	Unconjugated
Product Description	This antibody 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, ...
Clonality	Monoclonal
Clone Designation	[G3.1]
UniProt	<a href="#">P04792</a>
Buffer	1 mg/ml in 1X PBS, rAlbumin free, sodium azide free

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	Application Notes: The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the antibody to be titered up or down for optimal performance. 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. 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