

## Mouse monoclonal antibody to Heat Shock Protein 70 [SJ-70]: IgG

<b>Catalogue No.:</b>	M-1157-100
<b>Description:</b>	Heat Shock protein 70 is a chaperone protein expressed in response to heat shock. The protein stabilizes existing proteins against aggregation as well as mediating the folding of newly translated proteins.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Heat Shock Protein 70 isolated from bovine brain
<b>Clone:</b>	SJ-70
<b>Other Names:</b>	Heat shock 70 kDa protein 1; HSP70.1; HSP70-1; HSP70-2; HSPA1A; HSPA1;
<b>Accession:</b>	Q27975 HS71A_BOVIN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.5 ug/mL is recommended for WB. Bovine Heat Shock protein 70 has a predicted length of 641 residues and MW of 70 kDa. A concentration of 0.5-1.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues as well as formalin/acetone fixed tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
<b>Cross-reactivity:</b>	Human
<b>Form:</b>	Liquid (0.5ml). 50% glycerol, 0.9mg NaCl and 0.2mg Na <sub>2</sub> HPO <sub>4</sub>
<b>Reconstitution:</b>	The liquid formulation should be diluted in PBS (pH 7.4)
<b>Storage:</b>	After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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FOR RESEARCH USE ONLY