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

Catalogue No.:	M-1157-100
Description:	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.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Heat Shock Protein 70 isolated from bovine brain
Clone:	SJ-70
Other Names:	Heat shock 70 kDa protein 1; HSP70.1; HSP70-1; HSP70-2; HSPA1A; HSPA1;
Accession:	Q27975 HS71A_BOVIN;
Produced in:	Mouse
Purity:	IgG
Applications:	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.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human
Form:	Liquid (0.5ml). 50% glycerol, 0.9mg NaCl and 0.2mg Na2HPO4
Reconstitution:	The liquid formulation should be diluted in PBS (pH 7.4)
Storage:	After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

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