

ARG24133 anti-Hsp 27 antibody [8A7] (FITC)

Package: 50 µg
Store at: -20°C

Summary

Product Description	FITC-conjugated Mouse Monoclonal antibody [8A7] recognizes Hsp 27
Tested Reactivity	Hu, Ms, Rat, Bov, Dog, Gpig, Hm, Sheep
Tested Application	FACS, ICC/IF, IHC-P, IP, WB
Specificity	This antibody may cross reacts with alpha B crystallin.
Host	Mouse
Clonality	Monoclonal
Clone	8A7
Isotype	IgG
Target Name	Hsp 27
Species	Human
Immunogen	HSP27 peptide
Conjugation	FITC
Alternate Names	HSP 27; Heat shock 27 kDa protein; HMN2B; HS.76067; SRP27; HEL-S-102; HspB1; CMT2F; 28 kDa heat shock protein; HSP27; Heat shock protein beta-1; Hsp25; Estrogen-regulated 24 kDa protein; Stress-responsive protein 27; HSP28

Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	ICC/IF	1:200
	IHC-P	1:100
	IP	Assay-dependent
	WB	1:5000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.2), 0.09% Sodium azide and 50% Glycerol
Preservative	0.09% Sodium azide

Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	HSPB1
Gene Full Name	heat shock 27kDa protein 1
Background	The protein encoded by this gene is induced by environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in this gene are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN). [provided by RefSeq, Oct 2008]
Function	Involved in stress resistance and actin organization. [UniProt]
Highlight	