

Anti-HSPB1 antibody [5D7] (STJ98141)

STJ98141

GENERAL INFORMATION

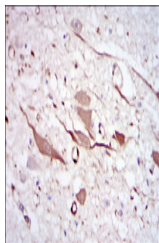
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Heat Shock Protein Beta-1 is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Flow Cytometry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, FC, ELISA
Host/Source	Mouse
Reactivity	Human, Rat

PRODUCT PROPERTIES

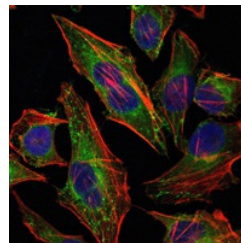
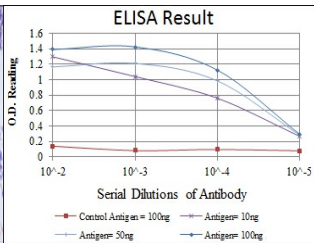
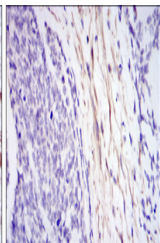
Clonality	Monoclonal
Clone ID	5D7
Concentration	
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
Formulation	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
Isotype	IgG1
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

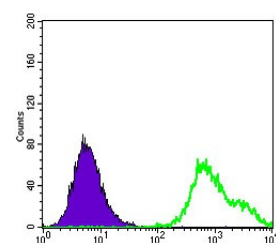
Gene ID	3315
Gene Symbol	HSPB1
Uniprot ID	HSPB1_HUMAN
Immunogen	Purified recombinant fragment of human HSP27 expressed in E.coli.
Immunogen Region	
Specificity	HSPB1 monoclonal antibody (Heat Shock Protein Beta-1) binds to endogenous Heat Shock Protein Beta-1.
Immunogen Sequence	



Immunohistochemistry analysis of paraffin-embedded brain tissues (left) and esophageal cancer tissues (right) with DAB staining using HSP27 monoclonal antibody



Immunofluorescence analysis of HeLa cells using HSP27 monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HepG2 cells using HSP27 monoclonal antibody (green) and negative control (purple).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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