

Anti-HSPB1 antibody [7E5-1F9-D9] (STJ99170)

STJ99170

GENERAL INFORMATION

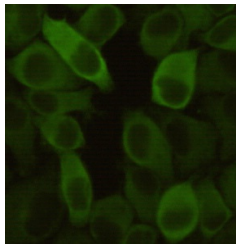
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Heat Shock Protein Beta-1 is suitable for use in Western Blot and Immunocytochemistry research applications.
Applications	WB, ICC
Host/Source	Mouse
Reactivity	Human, Monkey

PRODUCT PROPERTIES

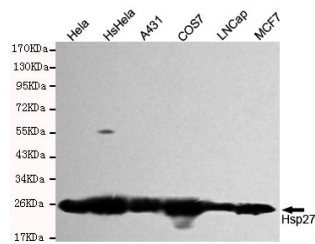
Clonality	Monoclonal
Clone ID	7E5-1F9-D9
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:1000 ICC 1:300
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	3315
Gene Symbol	HSPB1
Uniprot ID	HSPB1_HUMAN
Immunogen	Purified recombinant human Hsp27 protein fragments 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	



Immunocytochemistry stain of HeLa using Hsp27 mouse mAb (1:300).



Western blot detection of Hsp27 in HeLa, HsHeLa, A431, COS7, Lncap and MCF7 cell lysates and using Hsp27 mouse mAb (1:1000 diluted). Predicted band size: 23kDa. Observed band size: 27kDa.

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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