

Anti-HSPB1/HSP27 Antibody (R2Y87)

Summary

Catalog No.	RHC10502
Clone ID	R2Y87
Host species	Mouse
Tested applications	ELISA: 1:10000, FCM: 1:200-1:400, IF: 1:200-1:1000, IHC: 1:200-1:1000, WB: 1:500-1:2000
Species reactivity	Human, Rat
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4, 0.05% Sodium Azide.
Concentration	1 mg/ml
Purity	>95% as determined by SDS-PAGE.
Clonality	Monoclonal
Isotype	IgG1
Applications	ELISA, FCM, IF, IHC, WB
Target	Estrogen-regulated 24 kDa protein, Heat shock 27 kDa protein, SRP27, Heat shock protein beta-1, Stress-responsive protein 27, HspB1, 28 kDa heat shock protein, HSPB1, HSP27, HSP28, HSP 27
Purification	Protein A/G purified from cell culture supernatant.
Endotoxin level	Please contact with the lab for this information.
Accession	P04792

Stability and Storage

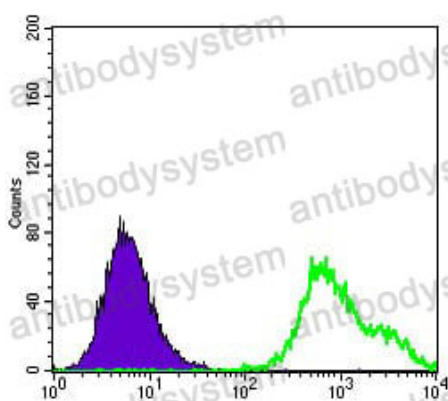
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

Note

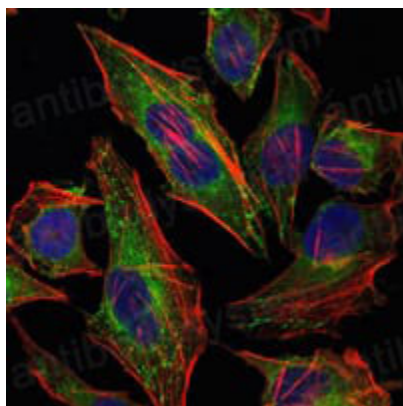
For research use only.

Data Image



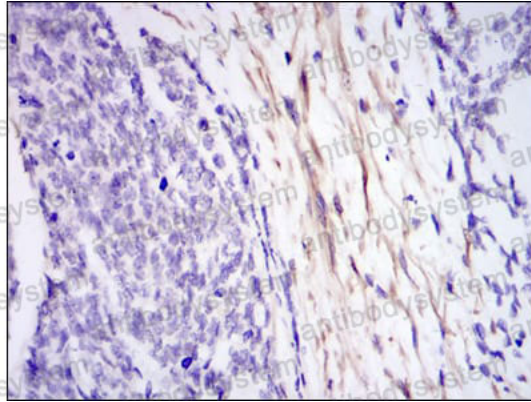
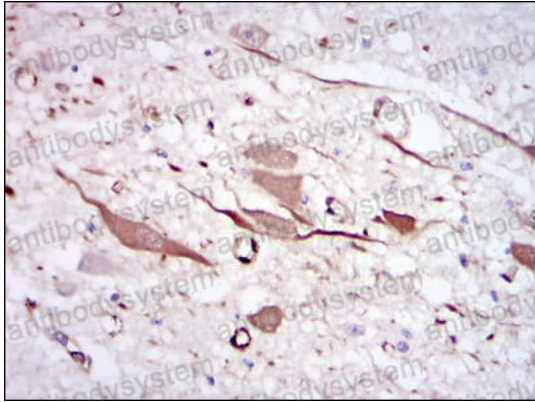
Flow Cytometry

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



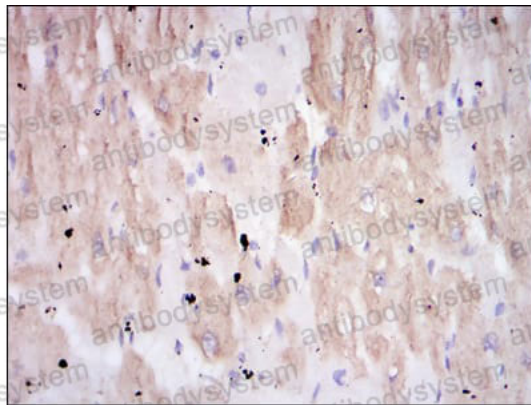
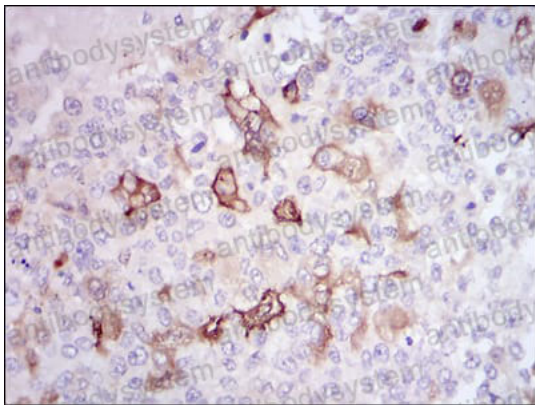
Immunofluorescence

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



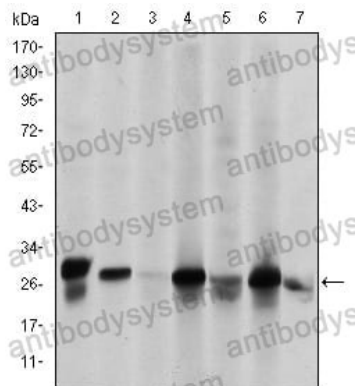
Immunohistochemical analysis of paraffin-embedded human brain tissues (left) and esophageal cancer tissues (right) using HSP27 mouse mAb with DAB staining.

Immunohistochemical



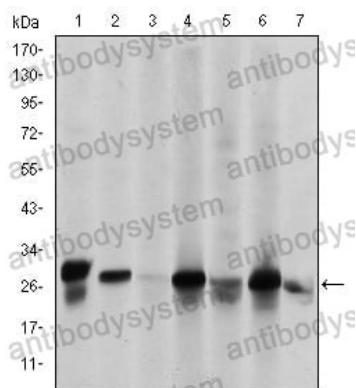
Immunohistochemical analysis of paraffin-embedded human breast cancer tissues (left) and cardiac muscle tissues (right) using HSP27 mouse mAb with DAB staining.

Immunohistochemical



Western blot

Western blot analysis using HSP27 mouse mAb against Hela (1), A549 (2), Jurkat (3), A431 (4), HEK293(5), HepG2 (6) and PC-12 (7) cell lysate.



Western blot

Western blot analysis using HSP27 mouse mAb against Hela (1), A549 (2), Jurkat (3), A431 (4), HEK293(5), HepG2 (6) and PC-12 (7) cell lysate.