

Anti-HSPD1/HSP60 Antibody (R3C33)

Summary

Catalog No.	RHC83703
Clone ID	R3C33
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, Mouse, Rat, Monkey
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	60 kDa heat shock protein, mitochondrial, HSP-60, HuCHA60, Chaperonin 60, HSP60, Mitochondrial matrix protein P1, Hsp60, HSPD1, 60 kDa chaperonin, CPN60, P60 lymphocyte protein, Heat shock protein 60
Purification	Protein A/G purified from cell culture supernatant.
Endotoxin level	Please contact with the lab for this information.
Accession	P10809

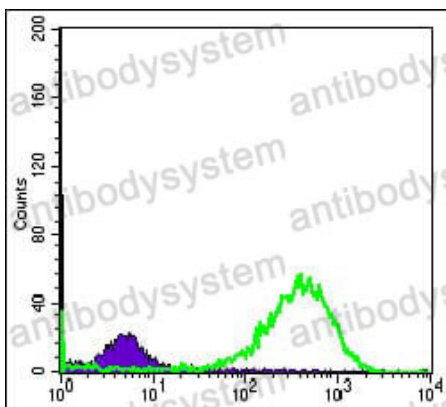
Stability and Storage

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.

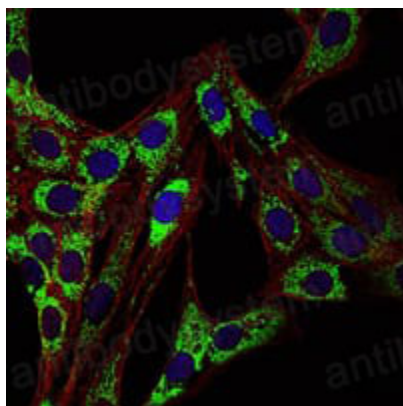
Note

For research use only.

Data Image

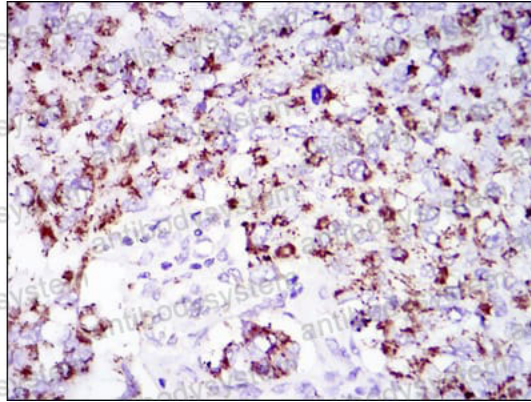
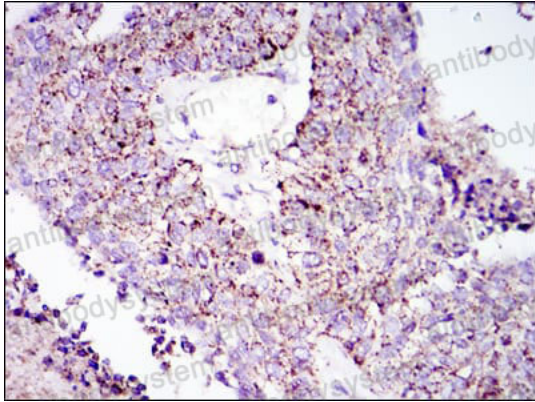
Flow Cytometry

Flow cytometric analysis of Hela cells using HSP60 mouse mAb (green) and negative control (purple).



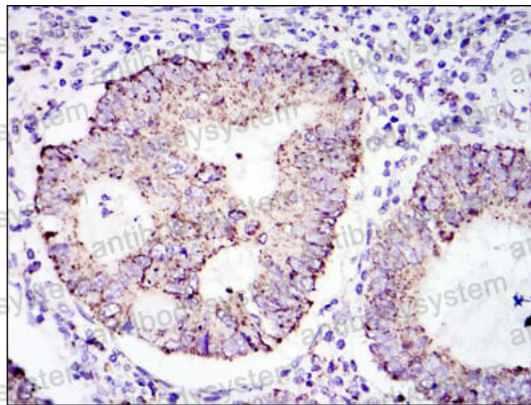
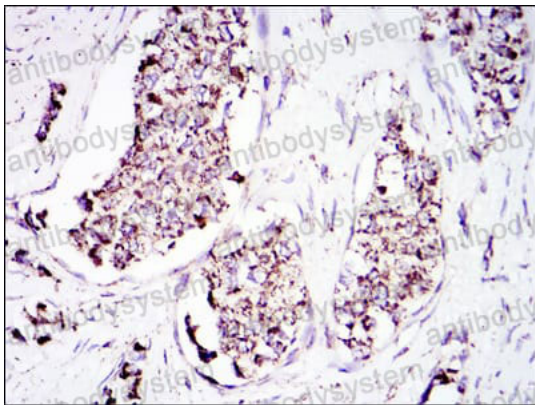
Immunofluorescence

Immunofluorescence analysis of 3T3-L1 cells using HSP60 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



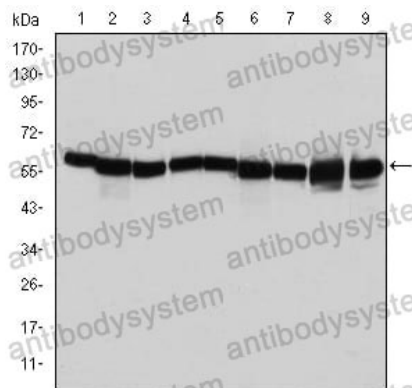
Immunohistochemical analysis of paraffin-embedded human lung cancer tissues (left) and kidney cancer tissues (right) using HSP60 mouse mAb with DAB staining.

Immunohistochemical



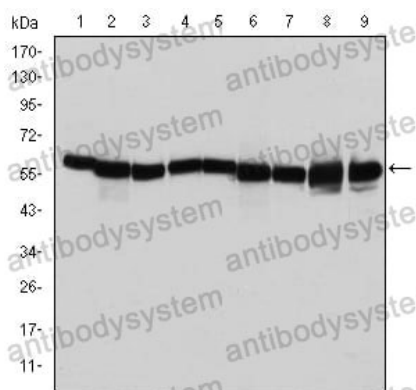
Immunohistochemical analysis of paraffin-embedded human breast cancer tissues (left) and colon cancer tissues (right) using HSP60 mouse mAb with DAB staining.

Immunohistochemical



Western blot

Western blot analysis using HSP60 mouse mAb against T47D (1), HeLa (2), HepG2 (3), A549 (4), Jurkat (5), HEK293 (6), NIH/3T3 (7), PC-12 (8) and Cos7 (9) cell lysate.



Western blot

Western blot analysis using HSP60 mouse mAb against T47D (1), Hela (2), HepG2 (3), A549 (4), Jurkat (5), HEK293 (6), NIH/3T3 (7), PC-12 (8) and Cos7 (9) cell lysate.