

Anti-HSPA4/HSP70 Antibody (R3J62)

Summary

Catalog No.	RHE05805
Clone ID	R3J62
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, 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	Heat shock 70-related protein APG-2, APG2, HSP70RY, Heat shock 70 kDa protein 4, HSPA4
Purification	Protein A/G purified from cell culture supernatant.
Endotoxin level	Please contact with the lab for this information.
Accession	P34932

Stability and Storage

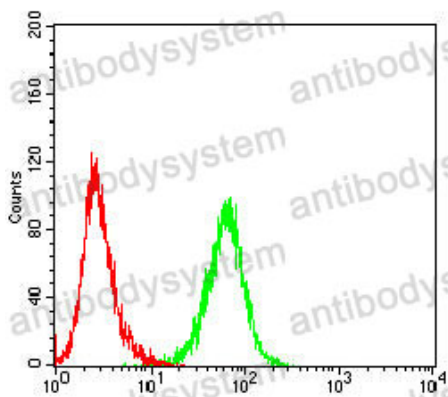
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

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

Note

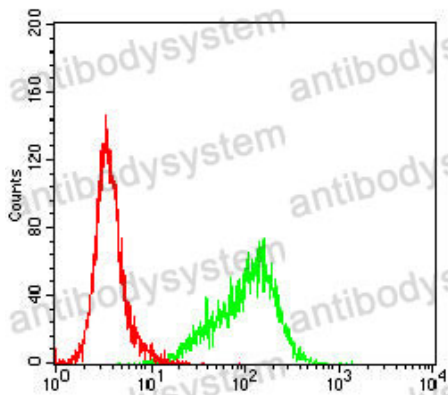
For research use only.

Data Image



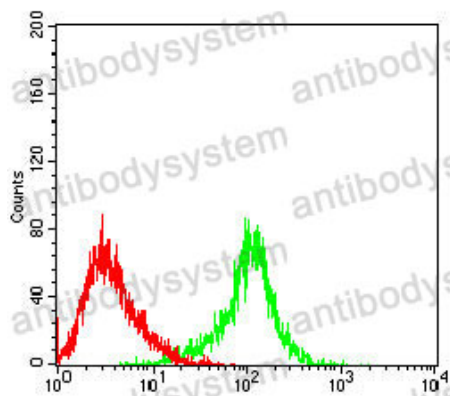
Flow Cytometry

Flow cytometric analysis of Jurkat cells using HSP70 mouse mAb (green) and negative control (red).



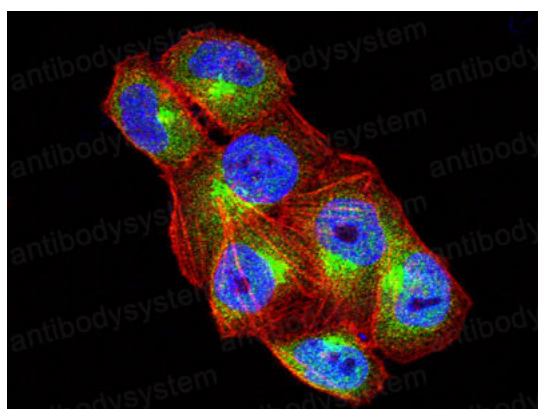
Flow Cytometry

Flow cytometric analysis of K562 cells using HSP70 mouse mAb (green) and negative control (red).



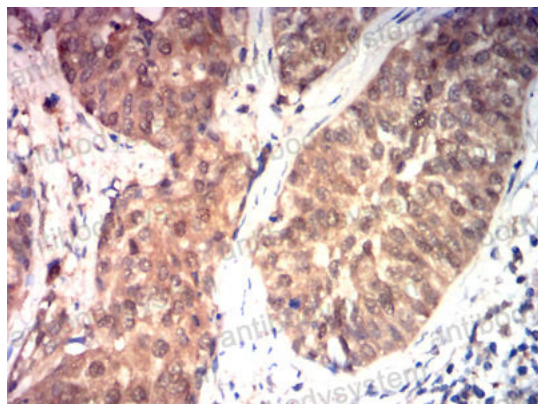
Flow Cytometry

Flow cytometric analysis of Raji cells using HSP70 mouse mAb (green) and negative control (red).



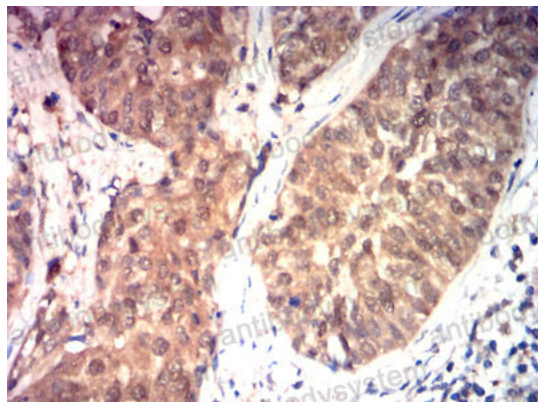
Immunofluorescence

Immunofluorescence analysis of HeLa cells using HSP70 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



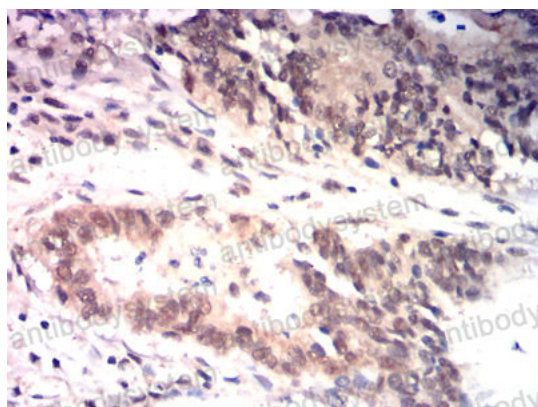
Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using HSP70 mouse mAb with DAB staining.



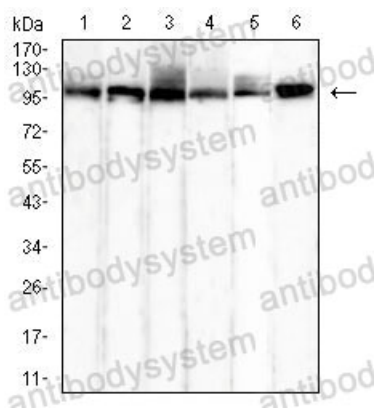
Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using HSP70 mouse mAb with DAB staining.



Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using HSP70 mouse mAb with DAB staining.



Western blot

Western blot analysis using HSP70 mouse mAb against Hela (1), HepG2 (2), Hek293 (3), COS-7 (4), A549 (5) and Jurkat (6) cell lysate.