

Anti-HSPA9/Mortalin/GRP75 Antibody (R3K17)

Summary

Catalog No.	RHE23205
Clone ID	R3K17
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	IgG2a
Applications	ELISA, FCM, IF, IHC, WB
Target	mt-HSP70, HSPA9B, MOT, Peptide-binding protein 74, Stress-70 protein, mitochondrial, PBP74, GRP-75, Mortalin, Heat shock 70 kDa protein 9, GRP75, 75 kDa glucose-regulated protein, HSPA9
Purification	Protein A/G purified from cell culture supernatant.
Endotoxin level	Please contact with the lab for this information.
Accession	P38646

Stability and Storage

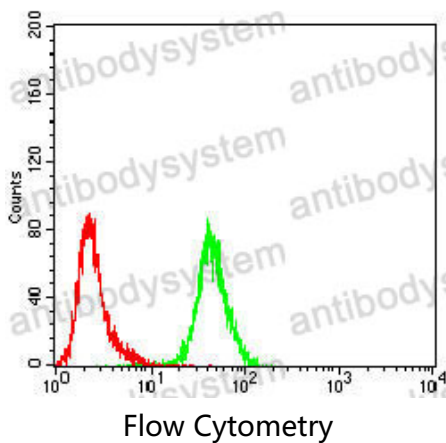
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

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

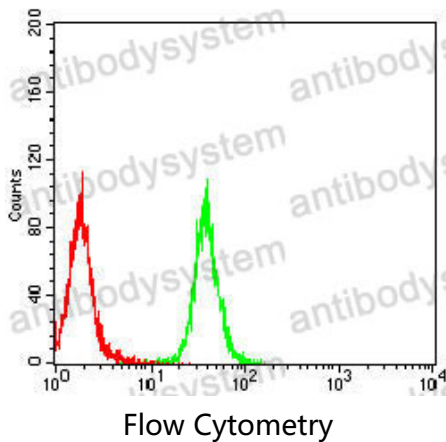
Note

For research use only.

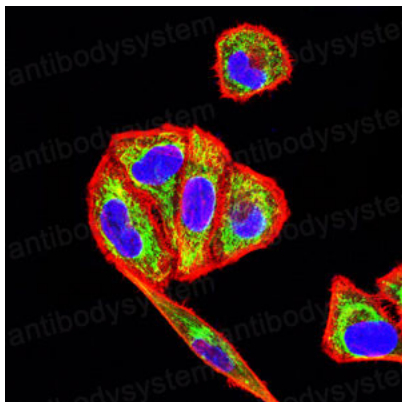
Data Image



Flow cytometric analysis of Jurkat cells using HSPA9 mouse mAb (green) and negative control (red).

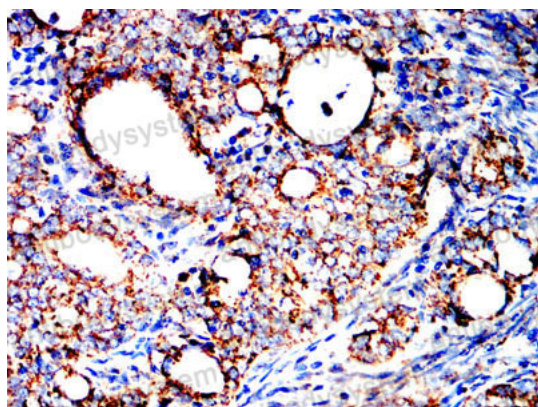


Flow cytometric analysis of THP-1 cells using HSPA9 mouse mAb (green) and negative control (red).



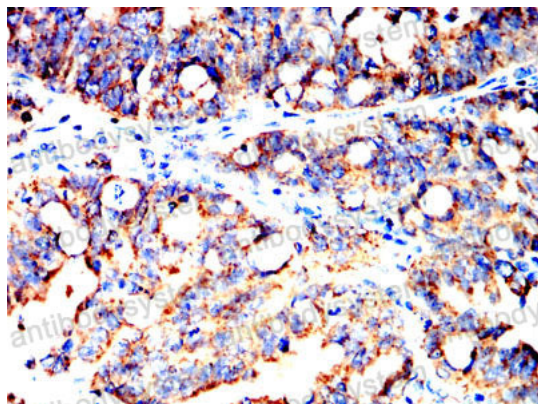
Immunofluorescence

Immunofluorescence analysis of HeLa cells using HSPA9 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



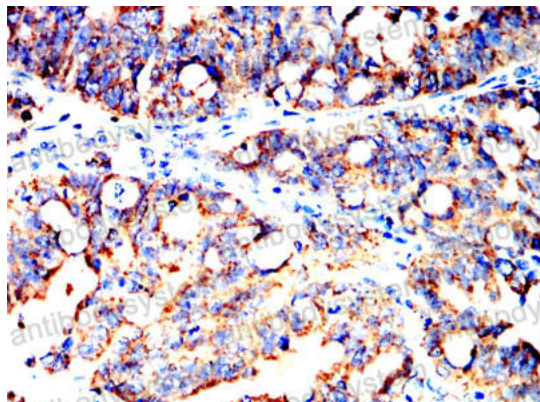
Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human cervical carcinoma tissues using HSPA9 mouse mAb with DAB staining.



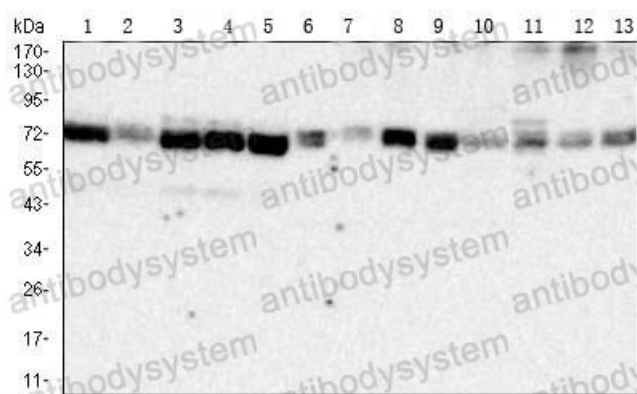
Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using HSPA9 mouse mAb with DAB staining.



Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using HSPA9 mouse mAb with DAB staining.



Western blot

Western blot analysis using HSPA9 mouse mAb against Jurkat (1), HepG2 (2), A431 (3), Hela (4), K562 (5), MCF-7 (6), C2C12 (7), A549 (8), PANC-1 (9), PC-12 (10), C6 (11), COS-7 (12) and NIH3T3 (13) cell lysate.