

# Anti-HSPA9/Mortalin/GRP75 Antibody (R3K15)

## Summary

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<b>Catalog No.</b>	RHE23203
<b>Clone ID</b>	R3K15
<b>Host species</b>	Mouse
<b>Tested applications</b>	ELISA: 1:10000, FCM: 1:200-1:400, IF: 1:200-1:1000, IHC: 1:200-1:1000, WB: 1:500-1:2000
<b>Species reactivity</b>	Human, Mouse, Rat, Monkey
<b>Form</b>	Liquid
<b>Storage buffer</b>	0.01M PBS, pH 7.4, 0.05% Sodium Azide.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Applications</b>	ELISA, FCM, IF, IHC, WB
<b>Target</b>	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
<b>Purification</b>	Protein A/G purified from cell culture supernatant.
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Accession</b>	P38646

**Stability and Storage**

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

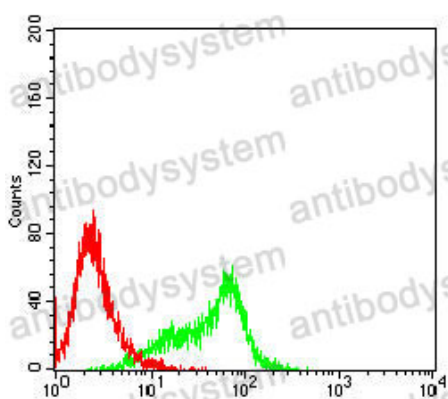
Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

**Note**

For research use only.

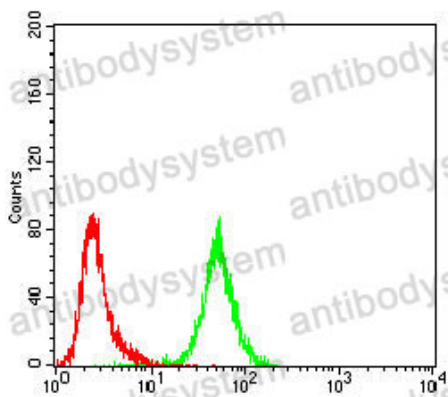
## Data Image

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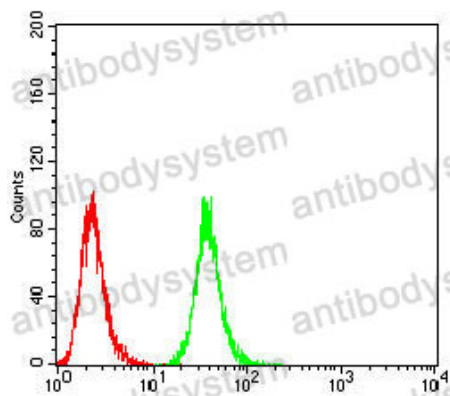
Flow Cytometry

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



Flow Cytometry

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



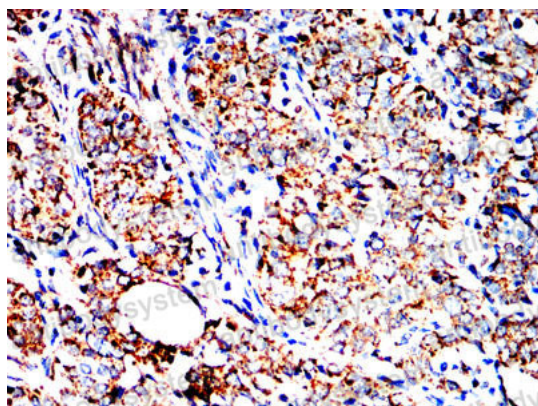
Flow Cytometry

Flow cytometric analysis of HepG2 cells using HSPA9 mouse mAb (green) and negative control (red).



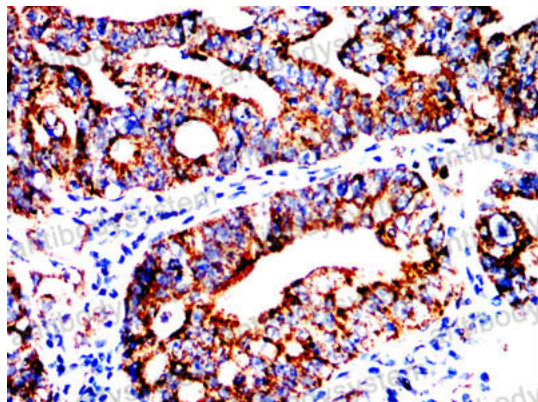
Immunofluorescence

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.



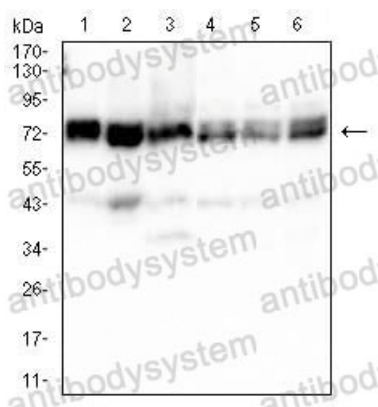
Immunohistochemical

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.



Western blot

Western blot analysis using HSPA9 mouse mAb against A549 (1), PANC-1 (2), PC-12 (3), C6 (4), CSO-7 (5) and NIH3T3 (6) cell lysate.