

HSPA9 monoclonal antibody

Catalog: MB23323

Host: Mouse

Reactivity: Human,Rat,Monkey

BackGround:

This gene encodes a member of the heat shock protein 70 gene family. The encoded protein is primarily localized to the mitochondria but is also found in the endoplasmic reticulum, plasma membrane and cytoplasmic vesicles. This protein is a heat-shock cognate protein. This protein plays a role in cell proliferation, stress response and maintenance of the mitochondria. A pseudogene of this gene is found on chromosome 2.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

74KDa

Swiss-Prot:

P38646

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000
FC:1/200 - 1/400

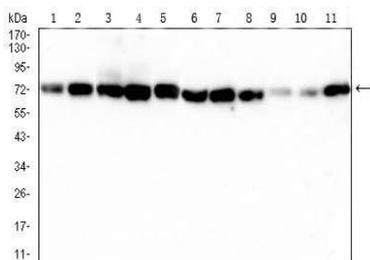
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

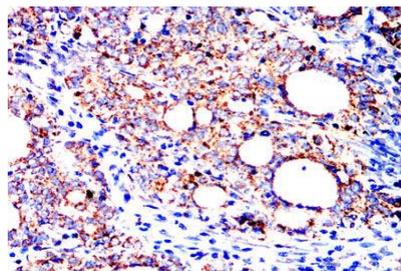
Isotype:

Mouse IgG1

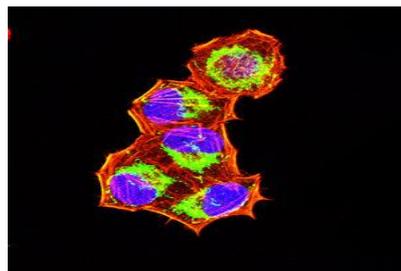
DATA:



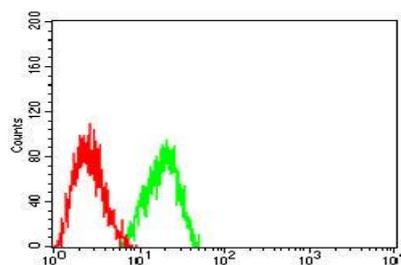
Western blot analysis using HSPA9 mouse mAb against CSO-7 (1), C6 (2), PC-12 (3), PANC-1(4), A549 (5), MCF-7 (6), K562 (7), HeLa (8), A431 (9), HepG2 (10) and Jurkat (11) cell lysate.



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



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. Secondary antibody from Fisher (Cat#: 35503)



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

Note:

For research use only, not for use in diagnostic procedure.

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