

SQSTM1 monoclonal antibody

Catalog: MB21699

Host: Mouse

Reactivity: Human, Mouse, Rat, Rabbit, Monkey

Background:

This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF- κ B) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF- κ B in response to upstream signals. Alternatively spliced transcript variants encoding either the same or different isoforms have been identified for this gene. Mutations in this gene result in sporadic and familial Paget disease of bone.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

47.7kDa

Swiss-Prot:

Q13501

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:1/100-1/200
FC:1/200 - 1/400

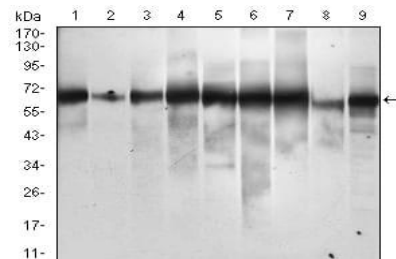
Storage&Stability:

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

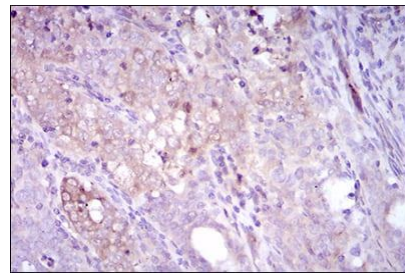
Isotype:

Mouse IgG1

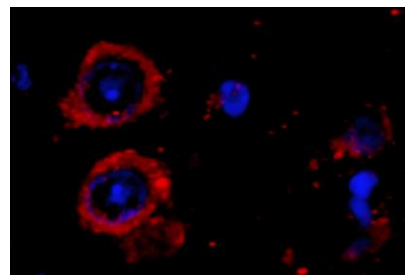
DATA:



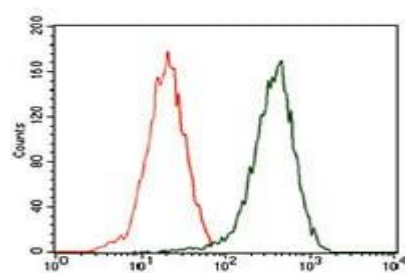
Western blot analysis using SQSTM1 mouse mAb against Hela (1), Jurkat (2), THP-1 (3), HEK293 (4), A549 (5), MCF-7 (6), HepG2 (7), COS7 (8) and SK-BR-3 (9) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using SQSTM1 mouse mAb with DAB staining.



Immunofluorescence analysis of Rat cortical tissue using SQSTM1 mouse mAb (Red). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of HEK293 cells using SQSTM1 mouse mAb

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PRODUCT DATA SHEET

Bioworld Technology, Inc.

(green) and negative control (red).

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

Note:

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