

FOXO1 monoclonal antibody

Catalog: MB21579 Host: Mouse Reactivity: Human, Mouse, Rat, Rabbit, Monkey

Background:

This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

69.7kDa

Swiss-Prot:

Q12778

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

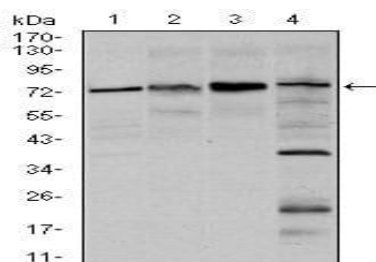
Storage&Stability:

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

Isotype:

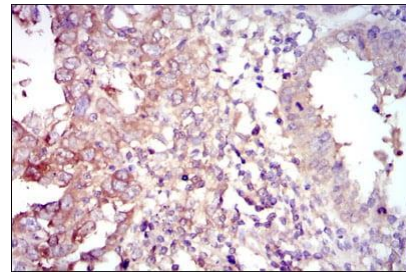
Mouse IgG1

DATA:

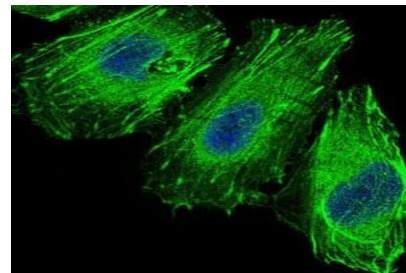


Western blot analysis using FOXO1 mouse mAb against HeLa (1),

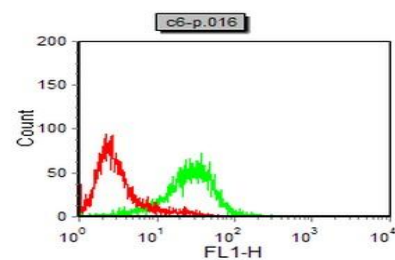
HEK293 (2), MCF-7(3), and C6 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human intima cancer tissues using FOXO1 mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using FOXO1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of C6 cells using FOXO1 mouse mAb (green) and negative control (red).

Note:

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

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