

MSH2 monoclonal antibody

Catalog: MB23145

Host: Mouse

Reactivity: Human, Mouse, Rat, Monkey

BackGround:

This locus is frequently mutated in hereditary non-polyposis colon cancer (HNPCC). When cloned, it was discovered to be a human homolog of the E. coli mismatch repair gene mutS, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. Two transcript variants encoding different isoforms have been found for this gene.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

104.7kDa

Swiss-Prot:

P43246

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 IF:1/200 - 1/1000 FC:1/200 - 1/400

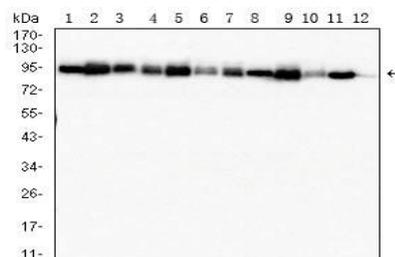
Storage&Stability:

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

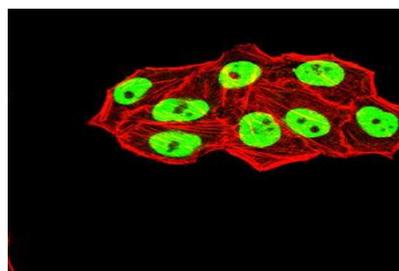
Isotype:

Mouse IgG1

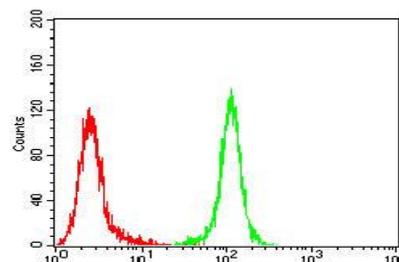
DATA:



Western blot analysis using MSH2 mouse mAb against HeLa (1), K562 (2), A549 (3), A431 (4), MCF-7 (5), DU145 (6), PC-3 (7), Raji (8), SW480 (9), COS-7 (10), NIH/3T3 (11), and PC-12 (12) cell lysate.



Immunofluorescence analysis of *** cells using *** 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 MSH2 mouse mAb (green) and negative control (red).

Note:

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

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