

MSH2 monoclonal antibody

Catalog: MB23109

Host: Mouse

Reactivity: Human

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

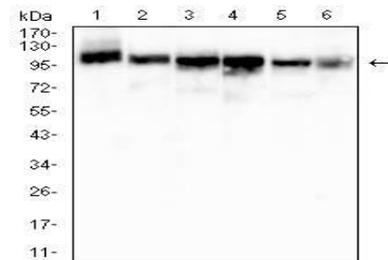
Storage&Stability:

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

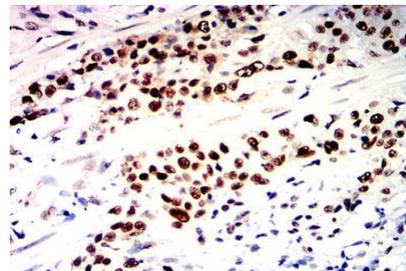
Isotype:

Mouse IgG1

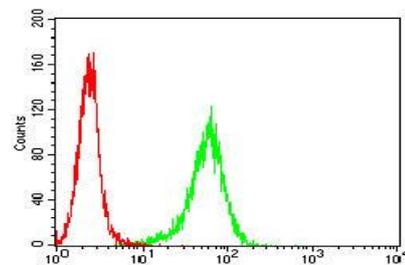
DATA:



Western blot analysis using MSH2 mouse mAb against MCF-7 (1), A431 (2), K562 (3), Hela (4), Raji (5), and A549 (6) cell lysate.



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using MSH2 mouse mAb with DAB staining.



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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