

## MSH6 monoclonal antibody

Catalog: MB21536

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes a protein similar to the MutS protein. In *E. coli*, the MutS protein helps in the recognition of mismatched nucleotides, prior to their repair. A highly conserved region of approximately 150 aa, called the Walker-A adenine nucleotide binding motif, exists in MutS homologs. The encoded protein of this gene combines with MSH2 to form a mismatch recognition complex that functions as a bidirectional molecular switch that exchanges ADP and ATP as DNA mismatches are bound and dissociated. Mutations in this gene have been identified in individuals with hereditary nonpolyposis colon cancer (HNPCC) and endometrial cancer. #160;

### Product:

Ascitic fluid containing 0.03% sodium azide.

### Molecular Weight:

160kDa

### Swiss-Prot:

P52701

### 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

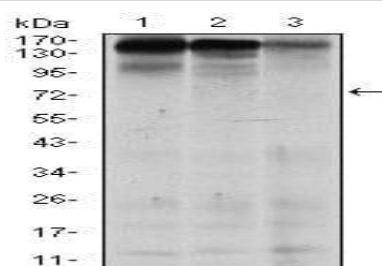
### Storage&Stability:

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 MSH6 mouse mAb against MCF-7 (1), HEK293 (2), and HCT116 (3) cell lysate.

### Note:

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

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