

## MSH6 Recombinant Rabbit mAb

Catalog: BS46422

Host: Rabbit

Reactivity: Human

### BackGround:

This gene encodes a member of the DNA mismatch repair MutS family. 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 heterodimerizes 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 may be associated with hereditary nonpolyposis colon cancer, colorectal cancer, and endometrial cancer. Transcripts variants encoding different isoforms have been described. [provided by RefSeq, Jul 2013]

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

163 kDa

### Swiss-Prot:

P52701

### Purification&Purity:

### Affinity Purification

### Applications:

WB: 1:1000  
IHC: 1:200  
ICC/IF: 1:20  
FC: 1:100  
IP: 1:20

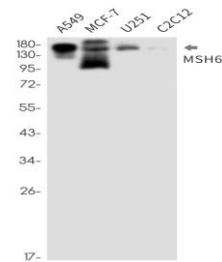
### Storage&Stability:

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

### Isotype:

IgG

### DATA:



Western blot detection of MSH6 in A549, MCF-7, U251, C2C12 cell lysates using MSH6 antibody(1:1000 diluted).

### Note:

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

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