

MACO0563

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## Product Information

**Size:**

50ug

**Reactivity:**

Human

**Source:**

Mouse

**Isotype:**

IgG

**Applications:**

ELISA, IHC

**Recommended dilutions:**

IHC:1:50-1:500

**Protein 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.

**Gene ID:**

MSH6

**Uniprot**

P52701

**Synonyms:**

MutS Homolog 6, GTBP, HSAP2, DNA Mismatch Repair Protein Msh6, G/T Mismatch-Binding Protein

**Immunogen:**

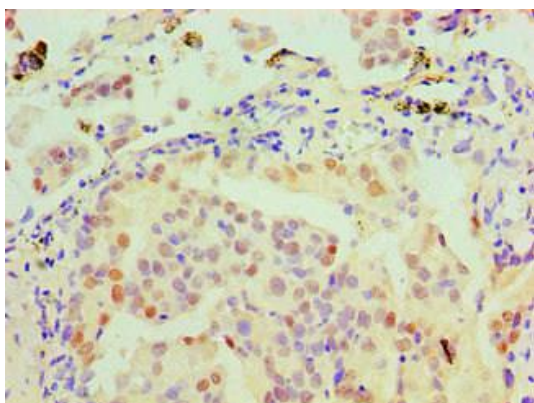
Recombinant Human MSH6 Protein

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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Immunohistochemical of paraffin-embedded Human lung cancer tissue using MACO0563 at dilution of 1:200.