

MSH6 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2506
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human MSH6 (AA: 217-395) expressed in E. Coli.
Mol wt	152.8kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	GTBP;HSAP;p160;GTMBP;HNPCC5

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images

No images.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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