

Recombinant

DGRmAb®

MSH6 (DGR11978) Rabbit mAb

db11969

Package : 10µL 20µL 50µL 100µL

Product Name : MSH6 (DGR11978) Rabbit mAb**Cat.No.:** db11969**Synonyms** : GTBP; HSAP; p160; GTMBP; HNPCC5**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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]

Immunogen

A synthetic peptide of human MSH6

Gene ID

2956

Swiss Prot

P52701

Synonyms

GTBP; HSAP; p160; GTMBP; HNPCC5

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:200-1:500

ICC/IF: 1:200-1:500

Calculated MW

163 kDa

Observed MW

163 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR11978

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	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.
	<div><div>□</div><div>Western blot detection of MSH6 in K562,C6,3T3,Hela cell lysates using MSH6 antibody(1:1000 diluted).</div></div>
	<div><div>□</div><div>Immunohistochemical analysis of paraffin-embedded human tonsil using db11969 antibody.</div></div>
	<div><div>□</div><div>Immunofluorescent analysis of HeLa cells using db11969 antibody (green), and DAPI (blue).</div></div>