

## MSH6 Recombinant Rabbit Monoclonal Antibody

**Cat:HKZ150126**

**Company:** HaoKebio

**Uniprot ID::** P52701

**Applications:** IHC: 1:100-1:200

**Organism:**Rabbit

IHC-Polymer: 1:400-1:800

**Species reactivity:**Human

TSA:1:500-1:1000

**Predicted Molecular Weight:** 153 kDa

### Background:

MSH6 is a mismatch repair protein located at position 21.3 on the p arm of chromosome 3 (3p21.3). Mutant forms of this mismatch repair protein are often expressed in patients with high-frequency microsatellite instability (MSI-H) and are associated with autosomal dominant inheritance. It is observed in Hereditary Nonpolyposis Colorectal Cancer (HNPCC), as well as in sporadic MSI-H colorectal cancer. MSH6 is expressed in all proliferating cells and participates in repairing base-pair mismatches that occur during DNA replication. MSH6 is typically tested in combination with MLH1, MSH2, and PMS2 to help identify genes potentially involved in the development of microsatellite instability (MSI).

### Protein full name:

MutS homolog 6

### Synonyms:

G/T mismatch-binding protein, GTMBP

### Immunogen:

A synthetic peptide corresponding to amino acid residues 1-100 of MSH6..

### Isotype:

IgG

### Subcellular location:

Nucleus

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

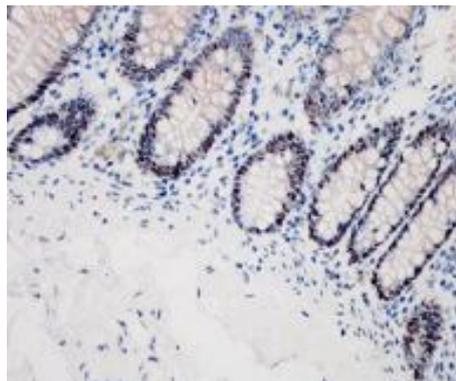
### Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

### Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C - 25 °C) for 30 minutes.

### Images:



Immunohistochemical results of MSH6 in human colon tissue (formalin-fixed, paraffin-embedded sections) labeled with HKZ150126. Tris-EDTA buffer (pH 9.0) was used for antigen retrieval.

### Source of Reagents:

1. Blackwell LJ., et al. J Biol Chem. 1998 Nov 27;273(48):32055-62.
2. Iaccarino I., et al. EMBO J. 1998 May 1;17(9):2677-86.

### Source of Reagents:

发表[中文论文]请标注: MSH6(HKZ150126)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: MSH6(HKZ150126) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

