

Anti-MSH6 antibody

Cat. No.	ml121001
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-MSH6 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human MSH6
Reactivity	Human, Mouse
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	MSH6
Full name	mutS homolog 6 (E. coli)
Synonyms	GTBP, HSAP, HNPCC5
Swissprot	P52701

Target Background

This gene encodes a protein similar to the MutS protein. 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 of this gene combines 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 have been identified in individuals with hereditary nonpolyposis colon cancer (HNPCC) and endometrial cancer.

订购热线: 4008-898-798

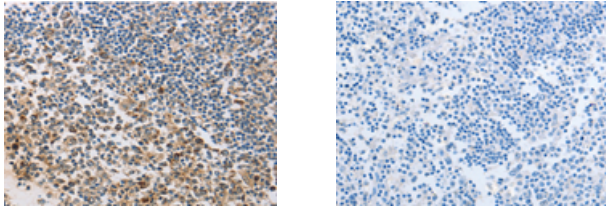
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human tonsil

Recommended dilution: 10-50



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml121001(MSH6 Antibody) at dilution 1/10, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 153 kDa

Positive control: HeLa and 293T cells

Recommended dilution: 200-1000

Gel: 8% SDS-PAGE

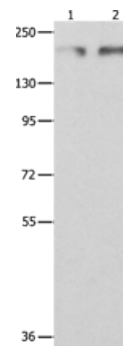
Lysate: 40 μ g

Lane 1-2: HeLa cells, 293T cells

Primary antibody: ml121001(MSH6 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 45 seconds



ELISA

Recommended dilution: 1000-2000

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