

anti- MSH6 antibody

Product Information

Catalog No.:	FNab05375
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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.

Immunogen information

Immunogen:	mutS homolog 6
Synonyms:	G/T mismatch binding protein, GTBP, GTMBP, hMSH6, HNPCC5, HSAP, MSH6, MutS alpha 160 kDa subunit, mutS homolog 6 (<i>E. coli</i>), p160
Observed MW:	160 kDa
UniprotID :	P52701

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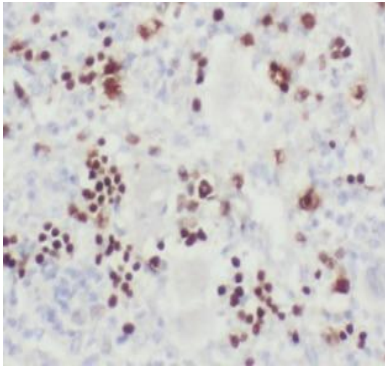
Application

Reactivity: Human, Mouse, Monkey

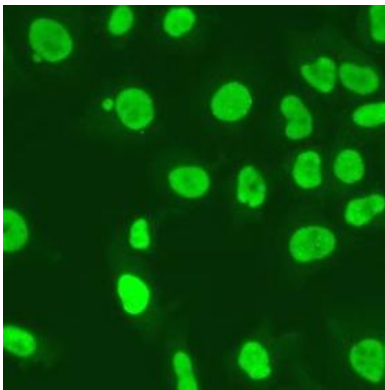
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:20 - 1:100

Image:



Immunohistochemistry of paraffin-embedded human spleen using FNab05375(MSH6 antibody) at dilution of 1:100



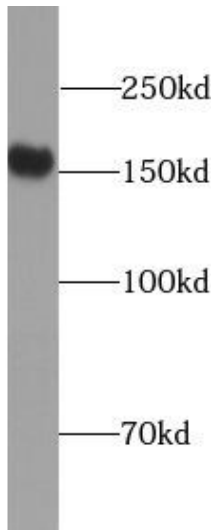
Immunofluorescence analysis of A549 cells using FNab05375 (MSH6 antibody).

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HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab05375(MSH6 antibody) at dilution of 1:1000

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