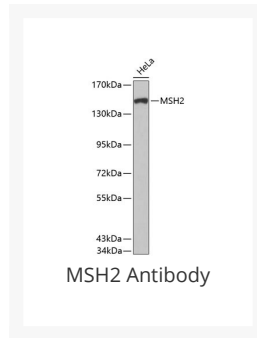




# MSH2 Antibody

Cat. No.: 13-019



## Ψ Specifications

<b>HOST SPECIES:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human
<b>IMMUNOGEN:</b>	A synthetic peptide of human MSH2
<b>TESTED APPLICATIONS:</b>	Flow, IF, WB
<b>APPLICATIONS:</b>	WB: ,1:500 - 1:1000 IF: ,1:20 - 1:50 Flow: ,1:20 - 1:50
<b>POSITIVE CONTROL:</b>	1) HeLa
<b>PREDICTED MOLECULAR WEIGHT:</b>	Observed: 150kDa

## Ψ Properties

<b>PURIFICATION:</b>	Affinity purification
<b>CLONALITY:</b>	Polyclonal
<b>ISOTYPE:</b>	IgG

<b>CONJUGATE:</b>	Unconjugated
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	PBS with 0.02% sodium azide, pH7.3.
<b>STORAGE CONDITIONS:</b>	Store at 4 °C. Avoid freeze / thaw cycles.

## Additional Info

<b>OFFICIAL SYMBOL:</b>	MSH2
<b>ALTERNATE NAMES:</b>	MSH2, FCC1, COCA1, HNPCC, LCFS2, HNPCC1
<b>GENE ID:</b>	4436
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.

## Background and References

<b>BACKGROUND:</b>	This locus is frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). When cloned, it was discovered to be a human homolog of the E. coli mismatch repair gene mutS, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. Two transcript variants encoding different isoforms have been found for this gene.
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