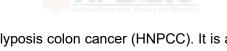


Anti-MLH1 (4C1) Mouse Monoclonal Antibody

Introduction



This gene was identified as a locus frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). It is a human homolog of the E. coli DNA mismatch repair gene mutL, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. Alternatively spliced transcript variants encoding different isoforms have been described, but their full-length natures have not been determined.

Product parameters

Alternative Names	MLH1; COCA2; DNA mismatch repair protein Mlh1; MutL protein homolog 1
Gene ID	4292
Gene Name	MLH1
SwissProt ID	P40692
Host	Mouse
Reactivity	Human, Monkey
Molecular Weight	Calculated MW: 85 kDa; Observed MW: 85 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG1
Isotype	Monoclonal Antibody
Clonality No.	AP-6C12B2
Form	Liquid
Concentration	See label
Carrier	Carrier Free
Immunogen	Purified recombinant fragment of MLH1 expressed in E. Coli.
Purification	Ascitic Fluid
Buffer System	Ascitic fluid containing 0.03% sodium azide.
Application	WB, ICC/IF
Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200
Research Field	Epigenetics and Nuclear Signaling
Product Categories	Primary antibody

Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

Protocol



Configure the product according to the application range and recommended dilution ratio.

*Note: The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.





