

Product name:	MLH1 (4C1) Mouse Monoclonal Antibody
Cat number:	MABN03564
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Mouse
Isotype:	IgG1
Immunogen:	A synthetic peptide of human MLH1
Reactivity:	Human,Monkey
Applications:	WB 1:500-1:1000,ICC/IF 1:50-1:200
Molecular Weight:	Calculated MW: 85 kDa; Observed MW: 85 kDa
Purification:	Ascitic Fluid
Form:	Liquid
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	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.