

MLH1

Reactivity:Human Mouse Rat

Tested applications:WB IHC IP

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:20 - 1:200 IP 1:20 - 1:50

Calculated MW:85kDa

Observed MW:Refer to figures

Immunogen:

A synthetic Peptide of human MLH1

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

e

Synonym:

FCC2; COCA2; HNPCC; hMLH1; HNPCC2;

Catalog #:A3961

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:4292

Isotype:IgG

Swiss Prot:P40692

Purity:Affinity purification

For research use only.

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.

Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional transcript variants have been described, but their full-length natures have not been determined.

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