
Summary

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|------------------------|--|
| Production Name | MLH1 Rabbit Monoclonal Antibody |
| Description | Recombinant Rabbit Monoclonal antibody |
| Host | Rabbit |
| Application | WB,ICC/IF,IP |
| Reactivity | Human,Mouse,Rat |

Performance

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|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal Antibody |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Purification | Affinity Purified |

Immunogen

| | |
|--------------------------|---|
| Gene Name | MLH1 |
| Alternative Names | MLH1; COCA2; DNA mismatch repair protein Mlh1; MutL protein homolog 1 |
| Gene ID | 4292 |
| SwissProt ID | P40692 |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20 |
| Molecular Weight | Calculated MW: 85 kDa; Observed MW: 85 kDa |

Background

Product Name: MLH1 Rabbit Monoclonal Antibody
Catalog #: AMRe01485

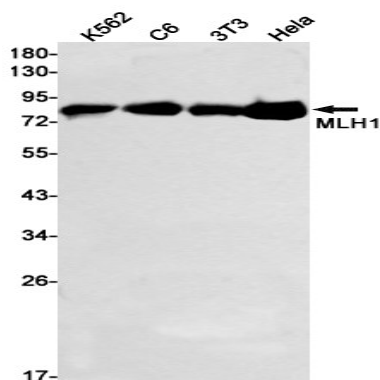


This gene was identified as a locus frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). It is a human homolog of the E. coli DNA mismatch repair gene mutL, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. Alternatively spliced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

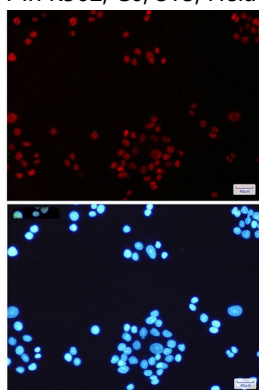
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of MLH1 in K562, C6, 3T3, HeLa lysates using MLH1 antibody.



Immunocytochemistry analysis of MLH1 (green) in HeLa using MLH1 antibody, and DAPI (blue)

Note

For research use only.