

MLH1 RABBIT MAB

Cat.#: N263429

Product Name: Anti-MLH1 Rabbit Monoclonal Antibody

Synonyms: MLH1; COCA2; DNA mismatch repair protein Mlh1; MutL protein homolog 1

UNIPROT ID: P40692

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.

Immunogen: Recombinant protein of human MLH1

Applications: WB, ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R07-5D3

MW: Calculated MW: 85 kDa; Observed MW: 85 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

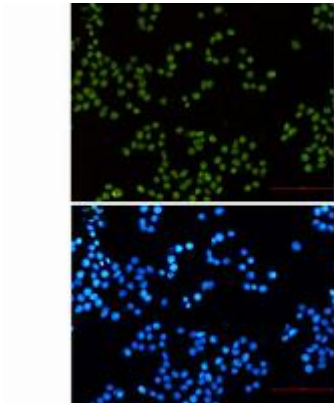
Conjugation: Unconjugated

Modification: Unmodified

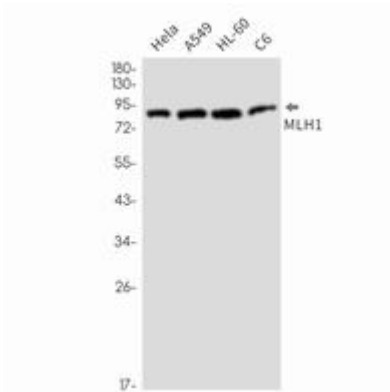
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



Western blot analysis of MLH1 in HeLa, A549, HL-60, U2OS lysates using MLH1 antibody.