

## MLH1 RABBIT MAB

**Cat.#:** N261637

**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:** A synthetic peptide of human MLH1

**Applications:** WB, ICC/IF, IP

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R02-2E8

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

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human, Mouse, Rat

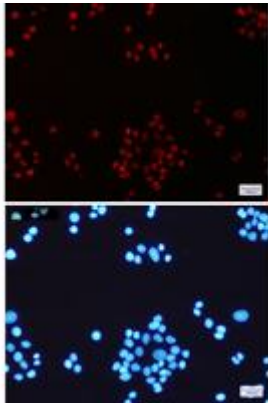
**Conjugation:** Unconjugated

**Modification:** Unmodified

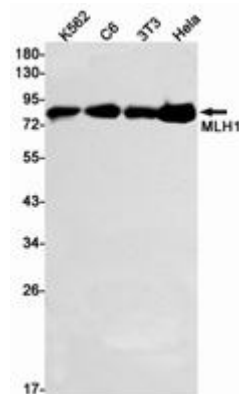
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**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 K562, C6, 3T3, HeLa lysates using MLH1 antibody.