Product Name: MLH1 Rabbit Monoclonal Antibody
Catalog #: AMRe03089

Summary

Production Name	MLH1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human

Performance

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
Molecular Weight	Calculated MW: 85 kDa; Observed MW: 85 kDa

Background

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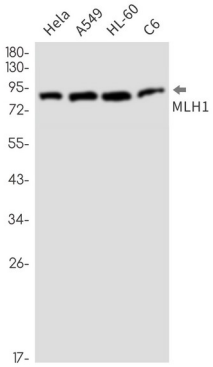
This gene was identified as a locus frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). It is a human homolog of the E. coli DNA mismatch repair gene mutL, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. Alternatively spliced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

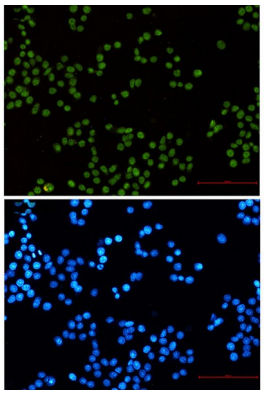
Research Area

Epigenetics and Nuclear Signaling

Image Data



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



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

Note

For research use only.