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# MLH1 Rabbit mAb

货号: **AYM29720**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP FC ICC/IF
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200 <b>IP:</b> 1:20 - 1:50 <b>FC:</b> 1:20 - 1:50
理论分子量	85kDa
实测分子量	85kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat,Mouse thymus,HeLa,mouse brain
细胞定位	Nucleus
纯化	Affinity purification

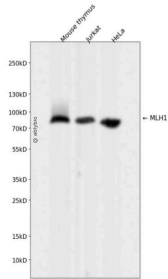
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human MLH1.
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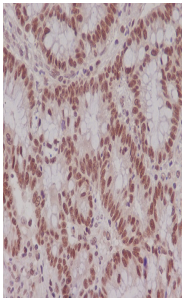
## 靶点信息

研究背景	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.[provided by RefSeq, Nov 2009]
基因ID	4292
基因名	MLH1
Swiss	P40692 ( <a href="https://www.uniprot.org/uniprotkb/P40692/entry">https://www.uniprot.org/uniprotkb/P40692/entry</a> )
别名	MLH1,MLH1 Rabbit mAb,MutL protein homolog 1,COCA2

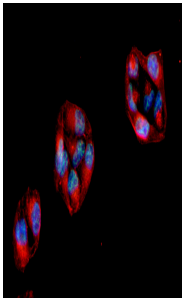
## 产品验证



Western blot analysis of MLH1 expressed in Mouse thymus, Jurkat, HeLa using MLH1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded human colon, using MLH1 Antibody.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab MLH1 and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat t. The nuclear counterstain is DAPI.

## 实验步骤

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