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Rad51 Rabbit mAb

货号: AYM31206

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB FC IP
推荐浓度	**WB:** 1:500 - 1:2000 **FC:** 1:20 - 1:50 **IP:** 1:20 - 1:50
理论分子量	26kDa/31kDa/36kDa
实测分子量	36kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,293T,C6
细胞定位	Cytoplasm,Mitochondrion matrix,Nucleus,centrosome,cytoskeleton,microtubule organizing center,perinuclear region
纯化	Affinity purification

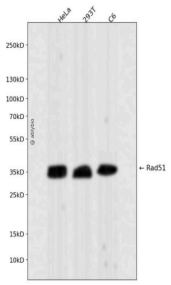
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Rad51.

靶点信息

研究背景	The protein encoded by this gene is a member of the RAD51 protein family. RAD51 family members are highly similar to bacterial RecA and Saccharomyces cerevisiae Rad51, and are known to be involved in the homologous recombination and repair of DNA. This protein can interact with the ssDNA-binding protein RPA and RAD52, and it is thought to play roles in homologous pairing and strand transfer of DNA. This protein is also found to interact with BRCA1 and BRCA2, which may be important for the cellular response to DNA damage. BRCA2 is shown to regulate both the intracellular localization and DNA-binding ability of this protein. Loss of these controls following BRCA2 inactivation may be a key event leading to genomic instability and tumorigenesis. Multiple transcript variants encoding different isoforms have been found for this gene.
基因ID	5888
基因名	RAD51
Swiss	Q06609 (https://www.uniprot.org/uniprotkb/Q06609/entry)
别名	Rad51,Rad51 Rabbit mAb,RAD51 homolog A,RAD51A,RECA

产品验证



Western blot analysis of Rad51 expressed in HeLa,293T,C6 using Rad51 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.

实验步骤

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