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10-6617: Mouse Monoclonal Antibody to RAD51 (Clone: 1281CT886.273.179.159)(Discontinued)

Clonality: Monoclonal

Clone Name: 1281CT886.273.179.159

Application: WB

Reactivity: Human, Mouse, Rat

 Gene :
 RAD51

 Gene ID :
 5888

 Uniprot ID :
 Q06609

 Format :
 Purified

Alternative Name:

DNA repair protein RAD51 homolog 1, HsRAD51, hRAD51, RAD51 homolog A, RAD51, RAD51A,

RECA

Isotype : Mouse IgG1,Kappa **Immunogen Information :** Recombinant Protein

Description

Participates in a common DNA damage response pathway associated with the activation of homologous recombination and double-strand break repair. Binds to single and double-stranded DNA and exhibits DNA-dependent ATPase activity. Underwinds duplex DNA and forms helical nucleoprotein filaments. Plays a role in regulating mitochondrial DNA copy number under conditions of oxidative stress in the presence of RAD51C and XRCC3.

Product Info

Amount : 80 μl / 400 μl

Purification: Protein G Chromatography

Content: Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

Storage condition:

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to

prevent freeze-thaw cycles.

Application Note

WB~1:1000

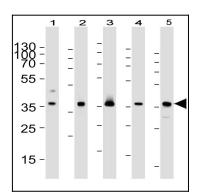


Figure 1: Western blot analysis of RAD51 Antibody (10-6617) with Lane 1: Jurkat, Lane 2: Hela, Lane 3: mouse NIH/3T3, Lane 4: rat C6 and Lane 5: PC-12 cell line. RAD51 Antibody was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L (HRP) at 1:3000 dilution was used as the secondary antibody. Lysates at $35\mu g$ per lane.