

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	1281CT886.273.179.159
<b>Application :</b>	WB
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	RAD51
<b>Gene ID :</b>	5888
<b>Uniprot ID :</b>	Q06609
<b>Format :</b>	Purified
<b>Alternative Name :</b>	DNA repair protein RAD51 homolog 1, HsRAD51, hRAD51, RAD51 homolog A, RAD51, RAD51A, RECA
<b>Isotype :</b>	Mouse IgG1,Kappa
<b>Immunogen Information :</b>	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

<b>Amount :</b>	80 µl / 400 µl
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
<b>Storage condition :</b>	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

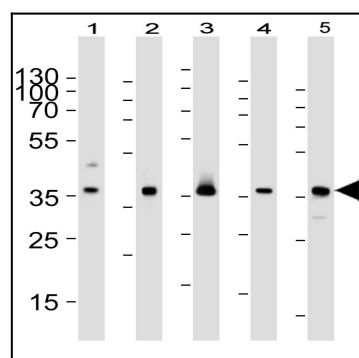


Figure 1: Western blot analysis of RAD51 Antibody (10-6617) with Lane 1: Jurkat, Lane 2: HeLa, Lane 3: mouse NIH/3T3, Lane 4: rat C6 and Lane 5: PC-12 cell line. RAD51 Antibody was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L (HRP) at 1:3000 dilution was used as the secondary antibody. Lysates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