

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

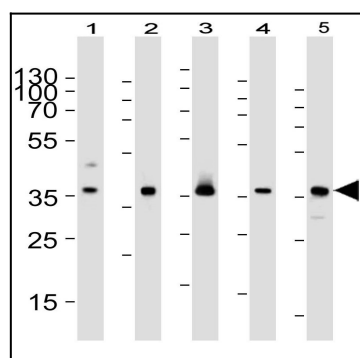


Figure 1: Western blot analysis of RAD51 Antibody (10-6617) with Lane 1: Jurkat, Lane 2: HeLa, Lane 3: mouse NIH/3T3, Lane 4: rat C6 and Lane 5: PC-12 cell line. RAD51 Antibody was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L (HRP) at 1:3000 dilution was used as the secondary antibody. Lysates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