

## Rad51 (4H10) Mouse mAb

db6080

Package : 50µL 100µL

**Product Name** : Rad51 (4H10) Mouse mAb**Cat.No.:** db6080**Synonyms** : RAD51; RAD51A; RECA; DNA repair protein RAD51 homolog 1; HsRAD51; hRAD51; RAD51 homolog A**Application** : WB**Reactivity** : Human, Mouse, Rat, Monkey**Host species** : Mouse

<b>Background</b>	Rad51 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.
<b>Immunogen</b>	Recombinant protein of human Rad51
<b>Gene ID</b>	5888
<b>Swiss Prot</b>	Q06609
<b>Synonyms</b>	RAD51; RAD51A; RECA; DNA repair protein RAD51 homolog 1; HsRAD51; hRAD51; RAD51 homolog A
<b>Reactivity</b>	Human, Mouse, Rat, Monkey
<b>Application</b>	WB
<b>Recommended dilution</b>	WB: 1:500-1:1000
<b>Calculated MW</b>	37 kDa
<b>Observed MW</b>	37 kDa
<b>Host species</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	4H10-G5-H4
<b>Isotype</b>	IgG2a
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .  
Stable for 12 months from date of receipt.

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Western blot analysis of Rad51 in CHO-K1, COS7, C6, 3T3 and Hela lysates using Rad51 antibody.