

## Anti-Rad51 Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M011402

### Product Information

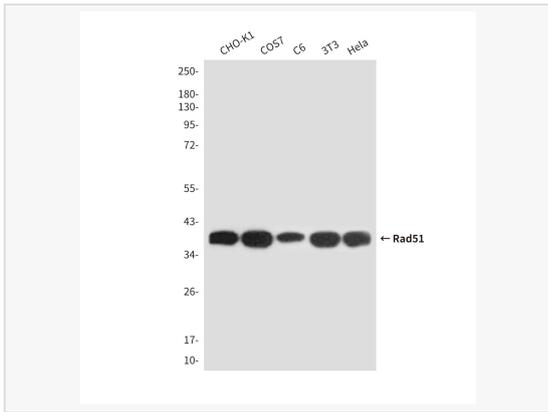
Application	WB, ELISA
Reactivity	Human, Mouse (Cell), Rat, Monkey
Dilution	WB 1:500~1:1,000
Host	Mouse
Clonality	Monoclonal
Clone No.	13M43L90
Isotype	IgG2a
Label	Unconjugated
Immunogen	Recombinant protein of human Rad51.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Rad51 antibody [13M43L90] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	RAD51, RAD51A, RECA, DNA repair protein RAD51 homolog 1, HsRAD51, hRAD51, RAD51 homolog A.
Calculated MW	Calculated MW: 37 kDa; Observed MW: 37 kDa
Uniprot ID	Q06609
Gene ID	5888
Background	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.

## Validation Images

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