

## Product datasheet for **TA336269**

### Rad51L1 (RAD51B) Mouse Monoclonal Antibody [Clone ID: 1 H3/13]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	1 H3/13
Applications:	ICC/IF, WB
Recommended Dilution:	Western Blot: 1:1000, Immunocytochemistry/ Immunofluorescence
Reactivity:	Human, Primate (Does not react with: Mouse)
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	His-tagged human Rad51L1, overexpressed in E. coli. [UniProt# O15315]
Formulation:	Preservative: 0.05% Sodium Azide. Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Ascites
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Gene Name:	RAD51 paralog B
Database Link:	<a href="#">NP_002868</a> <a href="#">Entrez Gene 19363 Mouse</a> <a href="#">Entrez Gene 5890 Human</a> <a href="#">O15315</a>
Background:	Five human RAD51 homologues have been identified: XRCC2, XRCC3, RAD51B, RAD51C, and RAD51D. Each of these homologues interacts with one or more of the others, with all of the proteins involved in one complex or multiple smaller complexes. Rad51B plays a role in meiotic recombination and/or recombinational repair.
Synonyms:	R51H2; RAD51L1; REC2



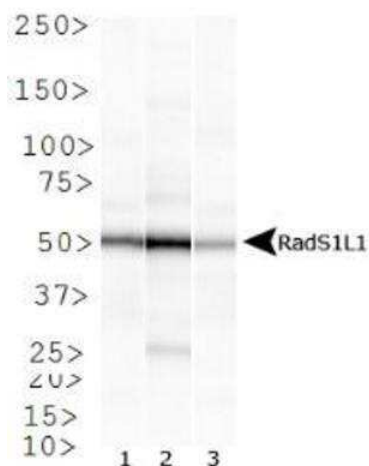
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**Note:** This Rad51L1 antibody (1 H3/13) is useful for Western blot, where a band can be seen at ~ 42 kDa. Immunoprecipitation (-) Immunocytochemistry/Immunofluorescence was reported in scientific literature.

**Protein Families:** Druggable Genome

**Protein Pathways:** Homologous recombination

**Product images:**



Western Blot: Rad51L1 Antibody (1 H3/13)  
TA336269 - Western blot analysis of Rad51L1  
expression in 1) HeLa, 2) HepG2 and 3) Cos 7  
whole cell lysates.