



RAD51 (Phospho-Tyr315) Antibody

E11-1117A

Catalog Number: E11-1117A

Concentration: 1mg/ml

Swiss-Prot No.: Q06609

Other Names: DNA repair protein RAD51 homolog 1, RAD51A, RECA

All Sites: Human: Tyr315; Mouse: Tyr315

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human RAD51 around the phosphorylation site of tyrosine 315 (K-I-Y^P-D-S).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

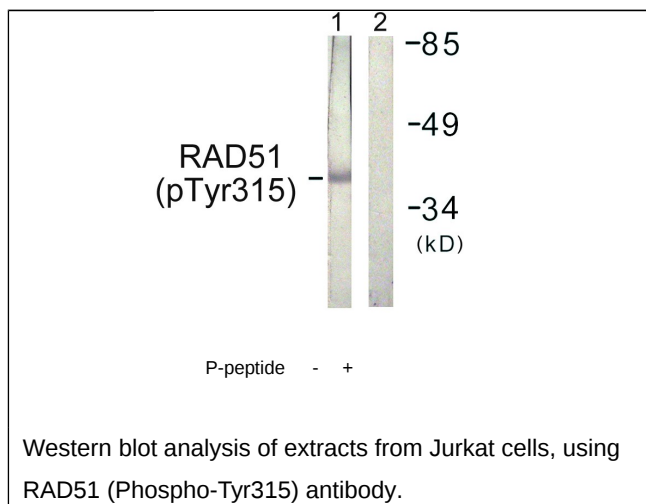
Specificity: RAD51 (Phospho-Tyr315) antibody detects endogenous levels of RAD51 only when phosphorylated at tyrosine 315.

Reactivity: Human, Mouse

Applications: WB: 1:500~1:1000 ELISA: 1:10000

References:

Shinohara A., Nat. Genet. 4:239-243(1993).
Yoshimura Y., Nucleic Acids Res. 21:1665-1665(1993).
Schmutte C., Cancer Res. 59:4564-4569(1999).
R.E., Daly M., Cancer Epidemiol. Biomarkers Prev. 10:955-960(2001).



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