

## Product datasheet for **TA312607**

### **RAD51 Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB: 1:500~1:3000, ELISA: 1:10000
<b>Reactivity:</b>	Human, Mouse
<b>Modifications:</b>	Phospho-specific
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	The antiserum was produced against synthesized phosphopeptide derived from human RAD51 around the phosphorylation site of tyrosine 315 (K-I-YP-D-S).
<b>Formulation:</b>	Phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	RAD51 recombinase
<b>Database Link:</b>	<a href="#">NP_597994</a> <a href="#">Entrez Gene 19361 Mouse</a> <a href="#">Entrez Gene 5888 Human</a> <a href="#">Q06609</a>
<b>Synonyms:</b>	BRCC5; FANCR; HRAD51; HsRad51; HsT16930; MRMV2; RAD51A; RECA
<b>Note:</b>	RAD51 (Phospho-Tyr315) antibody detects endogenous levels of RAD51 only when phosphorylated at tyrosine 315.
<b>Protein Families:</b>	Druggable Genome, Stem cell - Pluripotency, Transcription Factors
<b>Protein Pathways:</b>	Homologous recombination, Pancreatic cancer, Pathways in cancer



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