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<b>Product name:</b>	Rad9 Mouse Monoclonal Antibody
<b>Cat number:</b>	MABN85093
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Mouse
<b>Isotype:</b>	Mouse IgG2b
<b>Immunogen:</b>	Purified recombinant human RAD9A protein fragments expressed in E.coli
<b>Reactivity:</b>	Human,Mouse,Rat,Monkey
<b>Applications:</b>	WB 1:500-1:1000,IP 1:10-1:20
<b>Molecular Weight:</b>	Calculated MW: 43 kDa; Observed MW: 55 kDa
<b>Purification:</b>	Affinity Purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Purified antibody in PBS with 0.05% sodium azide,0.5%BSA and 50% glycerol.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	<p>This gene product is highly similar to Schizosaccharomyces pombe rad9, a cell cycle checkpoint protein required for cell cycle arrest and DNA damage repair. This protein possesses 3' to 5' exonuclease activity, which may contribute to its role in sensing and repairing DNA damage. It forms a checkpoint protein complex with RAD1 and HUS1. This complex is recruited by checkpoint protein RAD17 to the sites of DNA damage, which is thought to be important for triggering the checkpoint-signaling cascade. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p>