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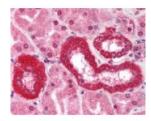
HIGH PERFORMANCE ANTIBODIES ... AND MORE

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## RAD52 Antibody [5H9]

CATALOG NUMBER: 48-859



Immunohistochemistry staining of RAD52 in kidney tissue using RAD52 monoclonal Antibody.

Peccles ReactIVITY:     Human       ESTED APPLICATIONS:     IHC, WB       PPLICATIONS:     RAD52 antibody can be used in ELISA, Western Blot starting at 1:500 - 1:1000, and immunohistochemistry starting at 5 ug/mL.       SER NOTE:     This product ships on dry ice.       MUNOGEN:     RAD52 monocional antibody was raised against recombinant RAD52 (Human).       OST SPECIES:     Mouse       roperties     Vertein G Column       HYSICAL STATE:     Liquid       UIFER:     PBS, pH 7.2, Contains no preservative.       TORAGE CONDITIONS:     Store RAD52 antibody at -20 °C. As with all antibodies avoid freeze/thaw cycles.       LONALITY:     Monocional       NUJUGATE:     UgG       ONJUGATE:     Unconjugated       CCESSION NO:     P43351       ROTEL:     RAD52 (S. cerevisiae) homolog, RAD52 homolog (S. cerevisiae), Recombination protein RAD52       CCESSION NO:     P43351       ROTEIN GI NO:     1172823       FIFICIAL SYMBOL:     RAD52		
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OST SPECIES:   Mouse     roperties   Protein G Column     HYSICAL STATE:   Liquid     UIFFER:   PBS, pH 7.2, Contains no preservative.     TORAGE CONDITIONS:   Store RAD52 antibody at -20 °C. As with all antibodies avoid freeze/thaw cycles.     LONALITY:   Monoclonal     SOTYPE:   IgG     ONJUGATE:   Unconjugated     IterNATE NAMES:   RAD52, RAD52 (S. cerevisiae) homolog, RAD52 homolog (S. cerevisiae), Recombination protein RAD52     CESSION NO.:   P43351     ROTEIN GI NO.:   1172823     FFICIAL SYMBOL:   RAD52     ENE ID:   5893	USER NOTE:	This product ships on dry ice.
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LONALITY:   Monoclonal     SOTYPE:   IgG     ONJUGATE:   Unconjugated     dditional Info   Image: Comparison of the state of the st	BUFFER:	PBS, pH 7.2, Contains no preservative.
SOTYPE:   IgG     ONJUGATE:   Unconjugated     dditional Info      LTERNATE NAMES:   RAD52, RAD52 (S. cerevisiae) homolog, RAD52 homolog (S. cerevisiae), Recombination protein RAD52     CCESSION NO.:   P43351     ROTEIN GI NO.:   1172823     FFICIAL SYMBOL:   RAD52     ENE ID:   5893	STORAGE CONDITIONS:	Store RAD52 antibody at -20 °C. As with all antibodies avoid freeze/thaw cycles.
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ENE ID: 5893	PROTEIN GI NO.:	1172823
	OFFICIAL SYMBOL:	RAD52
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	Background	

BACKGROUND:

DNA double-strand breaks can be generated by exposure to ionizing radiation or through endogenous cellular

reactions. Double-strand breaks are generally thought to be repaired via one of two distinct mechanisms: homologous recombination (HR) or non-homologous end joining (NHEJ). Homologous recombination requires the activity of the members of the RAD52 epistasis group, which includeRAD50, RAD51, RAD52, RAD54, RDH54/TID1, RAD55, RAD57, RAD59, MRE11, and XRS2. RAD52 can catalyze strand annealing reactions, and can form oligomers that attach to ends of single-stranded DNA.

## FOR RESEARCH USE ONLY

December 13, 2016