



# Mouse Anti-Human RAD54L monoclonal antibody, clone 5F4 (CABT-L433M)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	RAD54L
<b>Target</b>	RAD54L
<b>Immunogen</b>	Full length human Rad54 protein
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	5F4
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, FC, ICC/IF, IHC, IP, CyTOF-ready
<b>Positive Control</b>	HeLa cell line.
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	25 µg, 100 µg
<b>Buffer</b>	PBS
<b>Preservative</b>	0.02% Sodium Azide

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**Storage** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

**Ship** Wet ice

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## BACKGROUND

**Introduction** The protein encoded by the RAD54 gene belongs to the DEAD like helicase superfamily and shares similarity with *Saccharomyces cerevisiae* RAD54. RAD54 has been shown to play a role in homologous recombination related repair of DNA double strand breaks. The binding of this protein to double strand DNA induces a DNA topological change, which is thought to facilitate homologous DNA paring and stimulate DNA recombination.

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**Keywords** RAD54L

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## GENE INFORMATION

**Gene Name** RAD54L

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