

## Anti-RAD54B antibody

|                 |   |
|-----------------|---|
| <b>Cat. No.</b> | ml162105  |
| <b>Package</b>  | 25 µl/100 µl/200 µl                                     |
| <b>Storage</b>  | -20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol |

### Product overview

|                     |  |
|---------------------|--|
| <b>Description</b>  | Anti-RAD54B rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, IHC                             |
| <b>Immunogen</b>    | Synthetic peptide of human RAD54B      |
| <b>Reactivity</b>   | Human                                  |
| <b>Content</b>      | 0.8 mg/ml                              |
| <b>Host species</b> | Rabbit                                 |
| <b>Ig class</b>     | Immunogen-specific rabbit IgG          |
| <b>Purification</b> | Antigen affinity purification          |

### Target information

|                  |  |
|------------------|--|
| <b>Symbol</b>    | RAD54B                                   |
| <b>Full name</b> | RAD54 homolog B ( <i>S. cerevisiae</i> ) |
| <b>Synonyms</b>  | RDH54                                    |
| <b>Swissprot</b> | Q9Y620                                   |

### Target Background

The protein encoded by this gene belongs to the DEAD-like helicase superfamily. It shares similarity with *Saccharomyces cerevisiae* RAD54 and RDH54, both of which are involved in homologous recombination and repair of DNA. This protein binds to double-stranded DNA, and displays ATPase activity in the presence of DNA. This gene is highly expressed in testis and spleen, which suggests active roles in meiotic and mitotic recombination. Homozygous mutations of this gene were observed in primary lymphoma and colon cancer.

订购热线: 4008-898-798

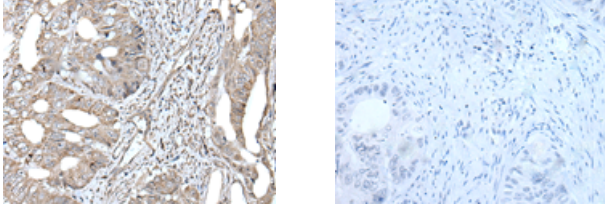
#### Applications

##### Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human colorectal cancer

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ml162105(RAD54B Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

##### ELISA

Recommended dilution: 5000-10000

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