

## Anti-Rad50 Rabbit pAb

Purified Rabbit Polyclonal Antibody

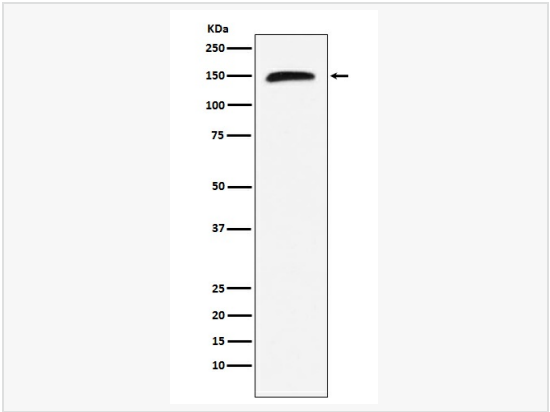
Catalog # P010842

### Product Information

|             |                                                                                                                                                           |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application | WB, ICC/IF (Cell), ELISA                                                                                                                                  |
| Reactivity  | Human, Mouse, Rat                                                                                                                                         |
| Dilution    | WB 1:500~1:1,000; IF 1:50~1:200                                                                                                                           |
| Host        | Rabbit                                                                                                                                                    |
| Clonality   | Polyclonal                                                                                                                                                |
| Isotype     | IgG                                                                                                                                                       |
| Label       | Unconjugated                                                                                                                                              |
| Immunogen   | A synthesized peptide derived from human Rad50                                                                                                            |
| Format      | Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.<br>Purification: Affinity Chromatography |
| Storage     | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.                               |
| Precautions | Anti-Rad50 antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                                     |

### Protein Information

|               |                                                                                                                                                                                                                                                                                                                |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synonyms      | RAD50, DNA repair protein RAD50, hRAD50.                                                                                                                                                                                                                                                                       |
| Calculated MW | Calculated MW: 154 kDa; Observed MW: 154 kDa                                                                                                                                                                                                                                                                   |
| Uniprot ID    | Q92878                                                                                                                                                                                                                                                                                                         |
| Gene ID       | 10111                                                                                                                                                                                                                                                                                                          |
| Background    | Component of the MRN complex, which plays a central role in double-strand break (DSB) repair, DNA recombination, maintenance of telomere integrity and meiosis. The complex possesses single-strand endonuclease activity and double-strand-specific 3'-5' exonuclease activity, which are provided by MRE11A. |



Western blot analysis of Rad50 in Jurkat lysates; using Rad50 antibody.