

## Anti-Rad50 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P010842

### Product Information

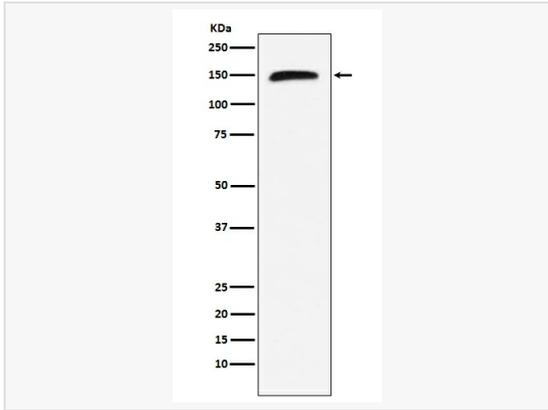
Application	WB, ICC/IF (Cell), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Rad50
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. 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.

## Validation Images

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