

Catalog Number	PA-RR 000011
Batch Number(s):	PA-B-00001-RR-RAD50
Product Name	Rabbit anti-Human RAD50 Recombinant Monoclonal (BLR026N)

PRODUCT SPECIFICATION

Host	Rabbit
Colonicity	Recombinant Monoclonal
Subclass	IgG
Immunogen	The immunogen was a peptide in region between residue 1286 and 1336, referencing both Uniprot ID Q92878 and Gene ID 10111
Conjugate	Unconjugated
Form	Liquid
Concentration	1.00 mg/mL
Purification	Affinity chromatography
Storage Buffer	Phosphate Buffer Saline, 10mM, pH 7.4
Preservative	Azide
Cryopreservative	Glycerol
Storage conditions	4°C. Avoid freeze/thaw cycles

APPLICATIONS

Western Blotting	1:250-1:1000
Immunocytochemistry / Microscopy	1:250-1:1000

PRODUCT DESCRIPTION

Rad50-13B3 specifically recognizes human RAD50, a ~153 kDa protein that plays a central role in the repair of DNA double-strand breaks. RAD50 forms a complex with MRE11 and NBN (also called nibrin), creating a key DNA damage-response assembly. After genotoxic stress, RAD50 and MRE11 relocate within the nucleus and accumulate at sites of DNA damage.

Uniprot ID	Q92878
Gene ID	10111
Gene Symbol	RAD50
Gene Aliases	hRad50; Mrell; NBSLD; RAD50; RAD502; Rad50l

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