RAD9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Rad9, Polyclonal Antibody
Full Product Name	Rad9, BH3 Domain (RAD9A, Cell Cycle Checkpoint Control Protein RAD9A, hRAD9, DNA Repair Exonuclease Rad9 Homolog A) (MaxLight 750)
Product Gene Name	anti-Rad9 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human Rad9. Species Crossreactivity: mouse.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	42,547 Da
OMIM	603761
3D Structure	ModBase 3D Structure for B2RCZ8
Immunogen	Synthetic peptide corresponding within amino acid residues 1-100 of human Rad9 (KLH).
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-Rad9 antibody	Antibodies; DNA Replication; Repair
Applications Tested/Suitable for anti-Rad9 antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-Rad9 antibody	IHC: 1:50-1:100 FLISA: 1:1,000 WB: 1:100-1:500 Applications are based on unconjugated antibody.
Related Product Information for anti-Rad9 antibody	MBS6496450 is an antibody targeting Rad9. Also known as Rad9, BH3 Domain (RAD9A, Cell Cycle Checkpoint Control Protein RAD9A, hRAD9, DNA Repair Exonuclease Rad9 Homolog A) (MaxLight 750). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-Rad9 antibody	1. Hopkins, K.M., et al., Cancer Res. 63(17):5291-5298 (2003). 2. Greer, D.A., et al., Cancer Res. 63(16):4829-4835 (2003). 3. St Onge, R.P., et al., J. Biol. Chem. 278(29):26620-26628 (2003). 4. Roos-Mattjus, P., et al., J. Biol. Chem. 278(27):24428-24437 (2003). 5. Yoshida, K., et al., EMBO J. 22(6):1431-1441 (2003).
Other Notes	Small volumes of anti-Rad9 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Rad9. It may not necessarily be applicable to this product.

NCBI GI #	4759022
NCBI GeneID	5883
NCBI Accession #	NP_004575
UniProt Primary Accession #	B2RCZ8
UniProt Secondary Accession #	Q6FI29; Q96C41; B2RCZ8
UniProt Related Accession #	Q99638
GenBank Nucleotide #	NM_004584
NCBI Official Full Name	cell cycle checkpoint control protein RAD9A isoform 1
NCBI Official Synonym Full Names	RAD9 homolog A (S. pombe)
NCBI Official Symbol	RAD9A
NCBI Official Synonym Symbols	RAD9
UniProt Protein Name	Cell cycle checkpoint control protein RAD9A
UniProt Synonym Protein Names	DNA repair exonuclease rad9 homolog A
Protein Family	DNA repair protein
UniProt Gene Name	RAD9A
UniProt Synonym Gene Names	hRAD9
UniProt Entry Name	RAD9A_HUMAN
NCBI Protein Information	cell cycle checkpoint control protein RAD9A; DNA repair exonuclease rad9 homolog A; hRAD9
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