

Mouse RAD9A Monoclonal Antibody | anti-RAD9A antibody

RAD9A antibody

CATALOG # AAA107206	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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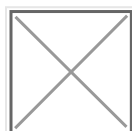
PRODUCT SYNONYMS

RAD9A; Monoclonal Antibody; RAD9A antibody; Monoclonal RAD9A; Anti-RAD9A; RAD9 homolog A; DNA repair exonuclease rad9 homolog A; hRAD9; Cell cycle checkpoint control protein RAD9A; RADA 9; RADA-9; anti-RAD9A antibody

PRODUCT SPECIFICATIONS

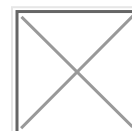
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	5D9
Purity/Purification	RAD9A antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	391
Applicable Applications for anti-RAD9A antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	RAD9A is highly similar to Schizosaccharomyces pombe rad9, a cell cycle checkpoint protein required for cell cycle arrest and DNA damage repair in response to DNA damage. This protein is found to possess 3' to 5' exonuclease activity, which may contribute to its role in sensing and repairing DNA damage. It forms a checkpoint protein complex with RAD1 and HUS1. This complex is recruited by checkpoint protein RAD17 to the sites of DNA damage, which is thought to be important for triggering the checkpoint-signaling cascade.
Cross-Reactivity	Human, Dog, Monkey
Immunogen	RAD9A antibody was raised in mouse using a protein expressed in 293T cell transfected with human RAD9A expression vector as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant RAD9A protein (Right) or empty vector (Left) detected with RAD9A antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of RAD9A protein in paraffin embedded Human pancreas tissue using RAD9A antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RAD9A antibody	Mouse monoclonal RAD9A antibody
Product Categories/Family for anti-RAD9A antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	49168502
NCBI GeneID	5883
UniProt Accession #	Q99638; Q6FI29; Q96C41; B2RCZ8
Molecular Weight	42,547 Da
NCBI Official Full Name	RAD9A
NCBI Official Synonym Full Names	RAD9 checkpoint clamp component A
NCBI Official Symbol	RAD9A
NCBI Official Synonym Symbols	RAD9
NCBI Protein Information	cell cycle checkpoint control protein RAD9A
UniProt Protein Name	Cell cycle checkpoint control protein RAD9A
UniProt Gene Name	RAD9A
UniProt Synonym Gene Names	hRAD9
UniProt Entry Name	RAD9A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rad9a-antibody-clone-5d9-western-blot-immunohistochemistry-elisa/107206>