

**Rad9 monoclonal antibody**

Catalog: MB12348

Host: Mouse

Reactivity: Human, Mouse, Rat, Monkey

BackGround:

This gene product is highly similar to Schizosaccharomyces pombe rad9, a cell cycle checkpoint protein required for cell cycle arrest and DNA damage repair. This protein possesses 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Calculated MW: 43 kDa; Observed MW: 55 kDa

Swiss-Prot:

Q99638

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IP: 1/20

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG2b

DATA:

Western blot analysis of RAD9A in K562, 3T3 and Hela lysates using RAD9A antibody.

Note:

For research use only, not for use in diagnostic procedure.

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