

RAD51 RABBIT MAB

Cat.#: N262803

Product Name: Anti-Rad51 Rabbit Monoclonal Antibody

Synonyms: RAD51; RAD51A; RECA; DNA repair protein RAD51 homolog 1; HsRAD51; hRAD51; RAD51 homolog A

UNIPROT ID: Q06609

Background: Rad51 participates in a common DNA damage response pathway associated with the activation of homologous recombination and double-strand break repair. Binds to single and double-stranded DNA and exhibits DNA-dependent ATPase activity. Underwinds duplex DNA and forms helical nucleoprotein filaments.

Immunogen: A synthetic peptide of human Rad51

Applications: WB, ICC/IF, IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R06-5G2

MW: Calculated MW: 37 kDa; Observed MW: 37 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

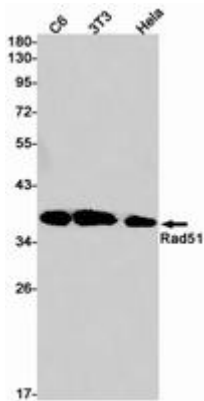
Conjugation: Unconjugated

Modification: Unmodified

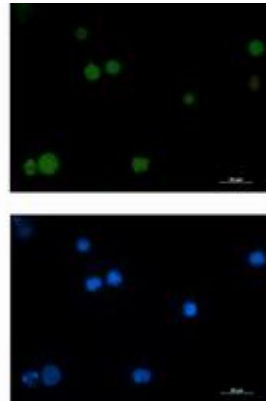
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Rad51 in C6, 3T3, HeLa lysates using Rad51 antibody.



Immunocytochemistry analysis of Rad51 (green) in Jurkat using Rad51 antibody, and DAPI (blue).