

**Rad51 monoclonal antibody**

Catalog: MB12220

Host: Rabbit

Reactivity: Human

**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.

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 37 kDa; Observed MW: 37 kDa

**Swiss-Prot:**

Q06609

**Purification&Purity:**

Affinity Purified

**Applications:**

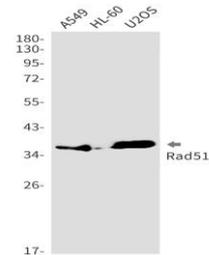
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

**Storage&Stability:**

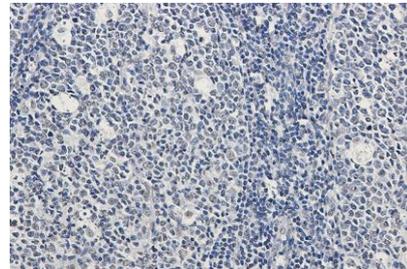
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Immunocytochemistry analysis of Rad51 in Jurkat using Rad51 antibody, and DAPI.



Western blot analysis of Rad51 in A549, HL-60, U2OS lysates using Rad51 antibody.

Immunohistochemistry analysis of paraffin-embedded Human tonsil using Rad51 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note:**

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

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