

Anti-Rad51 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R010495

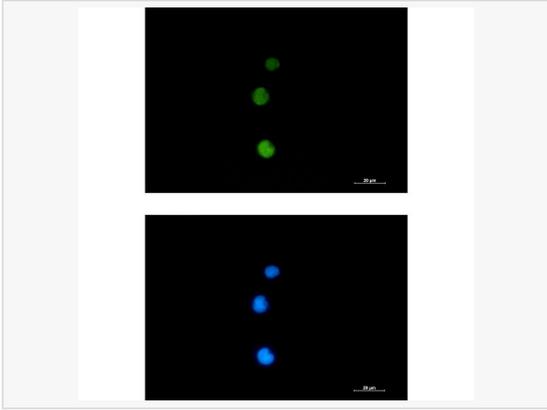
Product Information

Application	WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	62K10L91
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human Rad51
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Rad51 antibody [62K10L91] is for research use only and not for use in diagnostic or therapeutic procedures.

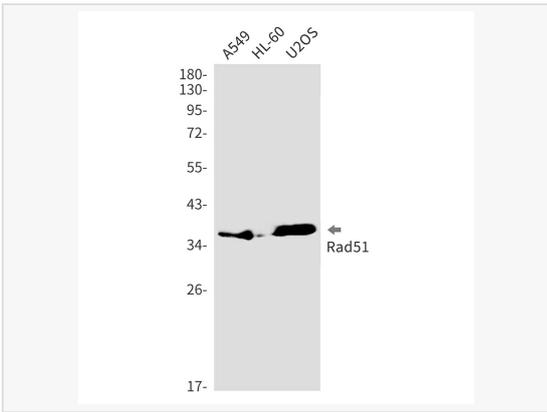
Protein Information

Synonyms	RAD51, RAD51A, RECA, DNA repair protein RAD51 homolog 1, HsRAD51, hRAD51, RAD51 homolog A.
Calculated MW	Calculated MW: 37 kDa; Observed MW: 37 kDa
Uniprot ID	Q06609
Gene ID	5888
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.

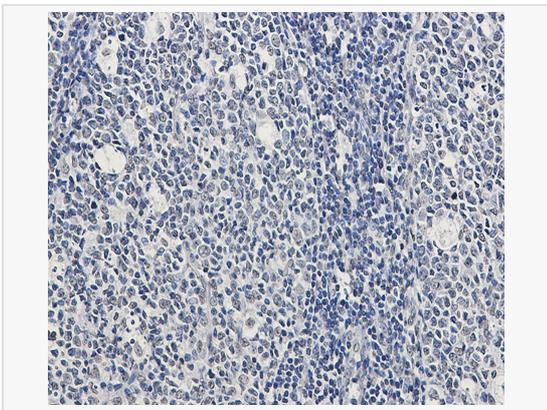
Validation Images



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



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.