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anti-RAD51D antibody

Images



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Quantity:	60 μL
Target:	RAD51D
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD51D antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

lmmunogen:	Recombinant fusion protein of human Rad51D (NP_002869.3).	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

Target:	RAD51D	
Alternative Name:	Rad51D (RAD51D Products)	
Background:	The protein encoded by this gene is a member of the RAD51 protein family. RAD51 family	
	members are highly similar to bacterial RecA and Saccharomyces cerevisiae Rad51, which are	
	known to be involved in the homologous recombination and repair of DNA. This protein forms a	
	complex with several other members of the RAD51 family, including RAD51L1, RAD51L2, and	

Target Details

XRCC2. The protein complex formed with this protein has been shown to catalyze homologous pairing between single- and double-stranded DNA, and is thought to play a role in the early stage of recombinational repair of DNA. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream ring finger and FYVE-like domain containing 1 (RFFL) gene.

Molecular Weight: Observed_MW: 35 kDa

Calculated_MW: 5 kDa/12 kDa/22 kDa/23 kDa/30 kDa/35 kDa/37 kDa

Gene ID: 5892

UniProt: 075771

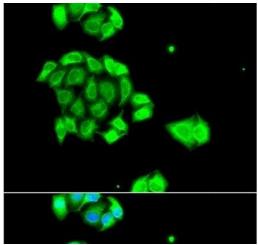
Application Details

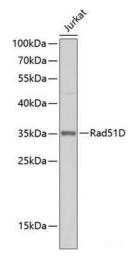
Application Notes: WB 1:500-1:2000 IF 1:50-1:200

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.





Immunofluorescence

Image 1. Immunofluorescence analysis of A549 cells using Rad51D Polyclonal Antibody

Western Blotting

Image 2. Western blot analysis of extracts of Jurkat cells using Rad51D Polyclonal Antibody at dilution of 1:500.