

Datasheet for ABIN954437
anti-RAD54L antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	RAD54L
Binding Specificity:	AA 641-671, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD54L antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 641-671 amino acids from the C-terminal region of Human RAD54 Genename: RAD54L
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human RAD54L (C-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	RAD54L
Alternative Name:	RAD54L (RAD54L Products)
Background:	The protein encoded by this gene belongs to the DEAD-like helicase superfamily, and shares

Target Details

similarity with *Saccharomyces cerevisiae* Rad54, a protein known to be involved in the homologous recombination and repair of DNA. This protein has been shown to play a role in homologous recombination related repair of DNA double-strand breaks. The binding of this protein to double-strand DNA induces a DNA topological change, which is thought to facilitate homologous DNA paring, and stimulate DNA recombination. Alternative splicing results in multiple transcript variants encoding the same protein. Synonyms: DNA repair and recombination protein RAD54-like, RAD54 homolog, RAD54A, hHR54, hRAD54

Molecular Weight: 84352 Da

Gene ID: 8438

NCBI Accession: [NP_001136020](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % Sodium Azide

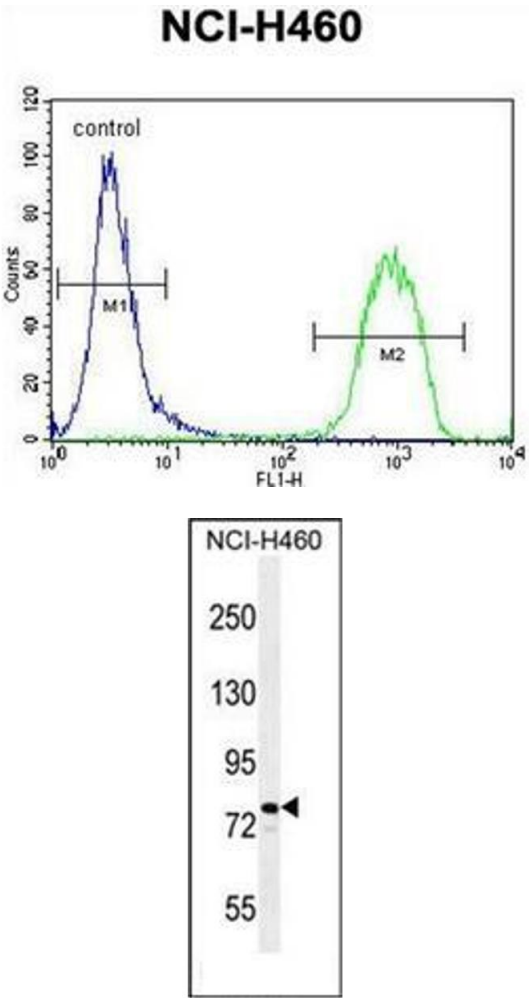
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Flow cytometric analysis of NCI-H460 cells using RAD54L Antibody (C-term) Cat.-No AP53565PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of RAD54L Antibody