

Anti-RAD52 Antibody

Catalog # AP96028

Product Information

Application	WB, FC, IF/IC
Primary Accession	P43351
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	46169

Additional Information

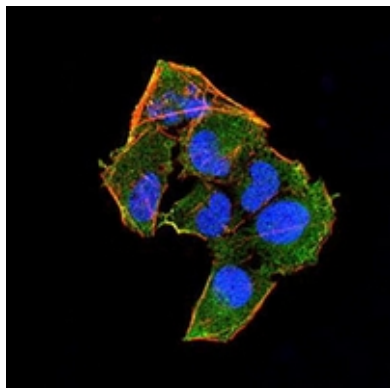
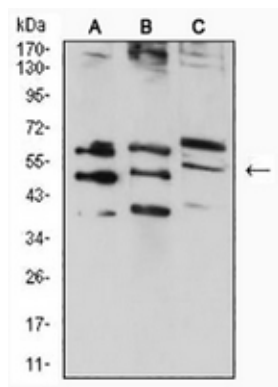
Gene ID	5893
Other Names	DNA repair protein RAD52 homolog
Target/Specificity	Recombinant fusion protein of human RAD52 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200) IF/IC~~N/A
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

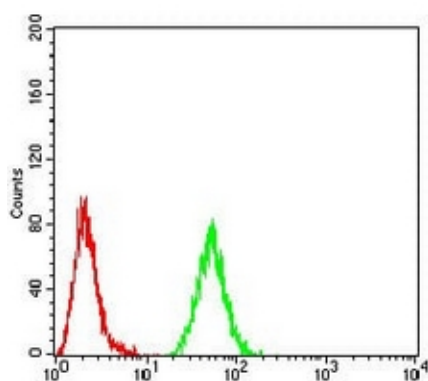
Name	RAD52
Function	Involved in double-stranded break repair. Plays a central role in genetic recombination and DNA repair by promoting the annealing of complementary single-stranded DNA and by stimulation of the RAD51 recombinase.
Cellular Location	Nucleus.

Images

Western blot analysis of RAD52 expression in HepG2 (A), MCF7 (B), MCF7 (C), C6 (D) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 50 kD)



Immunofluorescent analysis of RAD52 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Flow cytometric analysis of MCF7 cells using Anti-RAD52 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.