SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[KD-Validated] Anti-RAD50 Rabbit Monoclonal Antibody

Cat No.: KD-10769

Aliases:

RAD50; RAD50 Double Strand Break Repair Protein; RAD50 Homolog, Double Strand Break Repair Protein; DNA Repair Protein RAD50; RAD50-2; HRad50; HRAD50; RAD50 (S. Cerevisiae) Homolog; RAD50 Homolog (S. Cerevisiae); EC 3.6.3.27; EC 3.6.1.15; EC 3.6.-.-; EC 3.6.3; RAD502; NBSLD

Background:

UniProt Entry: Q92878;NCBI Gene Entry: 10111

Application Information

Molecular Weight: Predicted, 154 kDa, observed, 154 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB4115 Species Reactivity: Human, Mouse, Rat Applications Tested: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Rad50

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

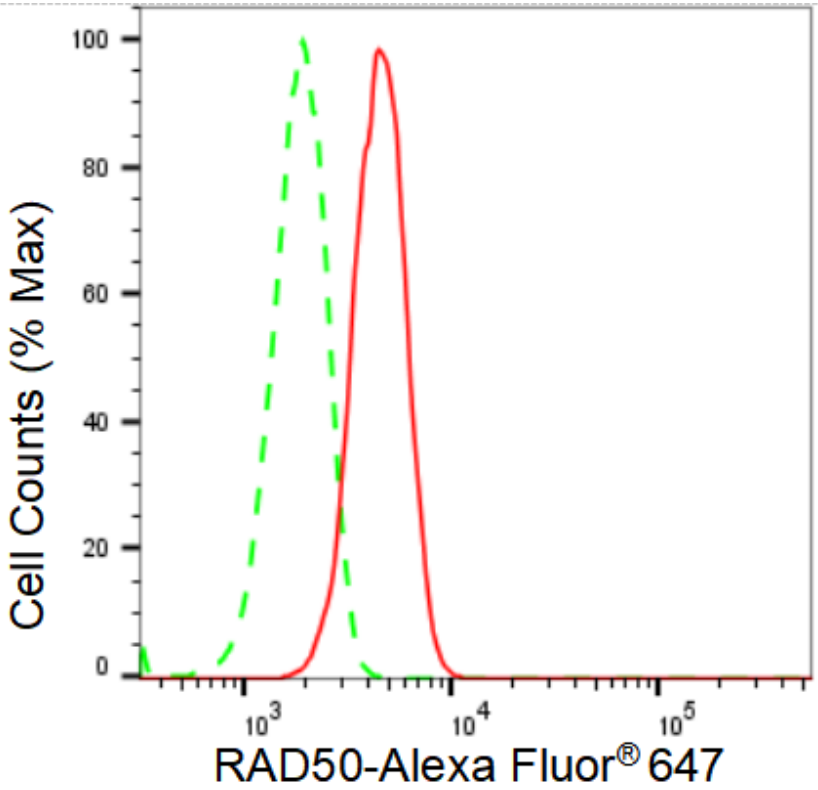
Store at -20 °C for one year.

Recommended Dilutions

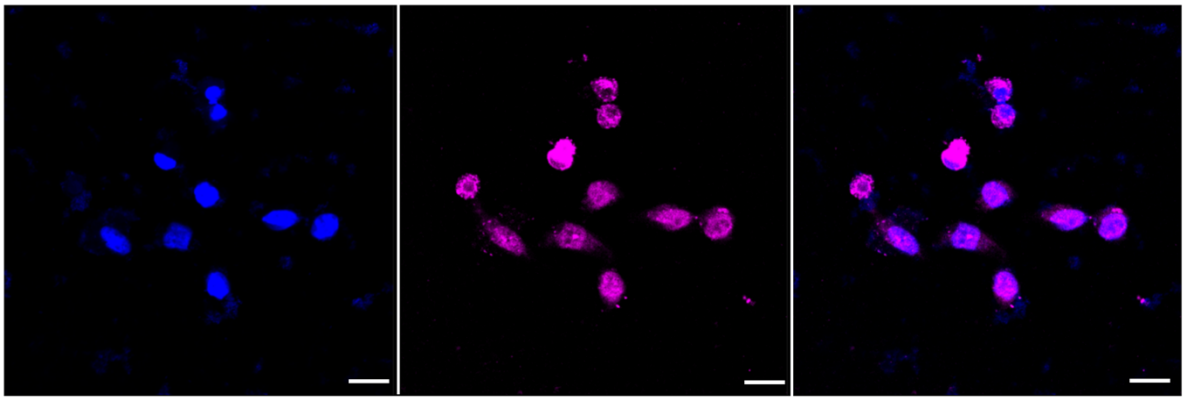
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:1,000

Protocols

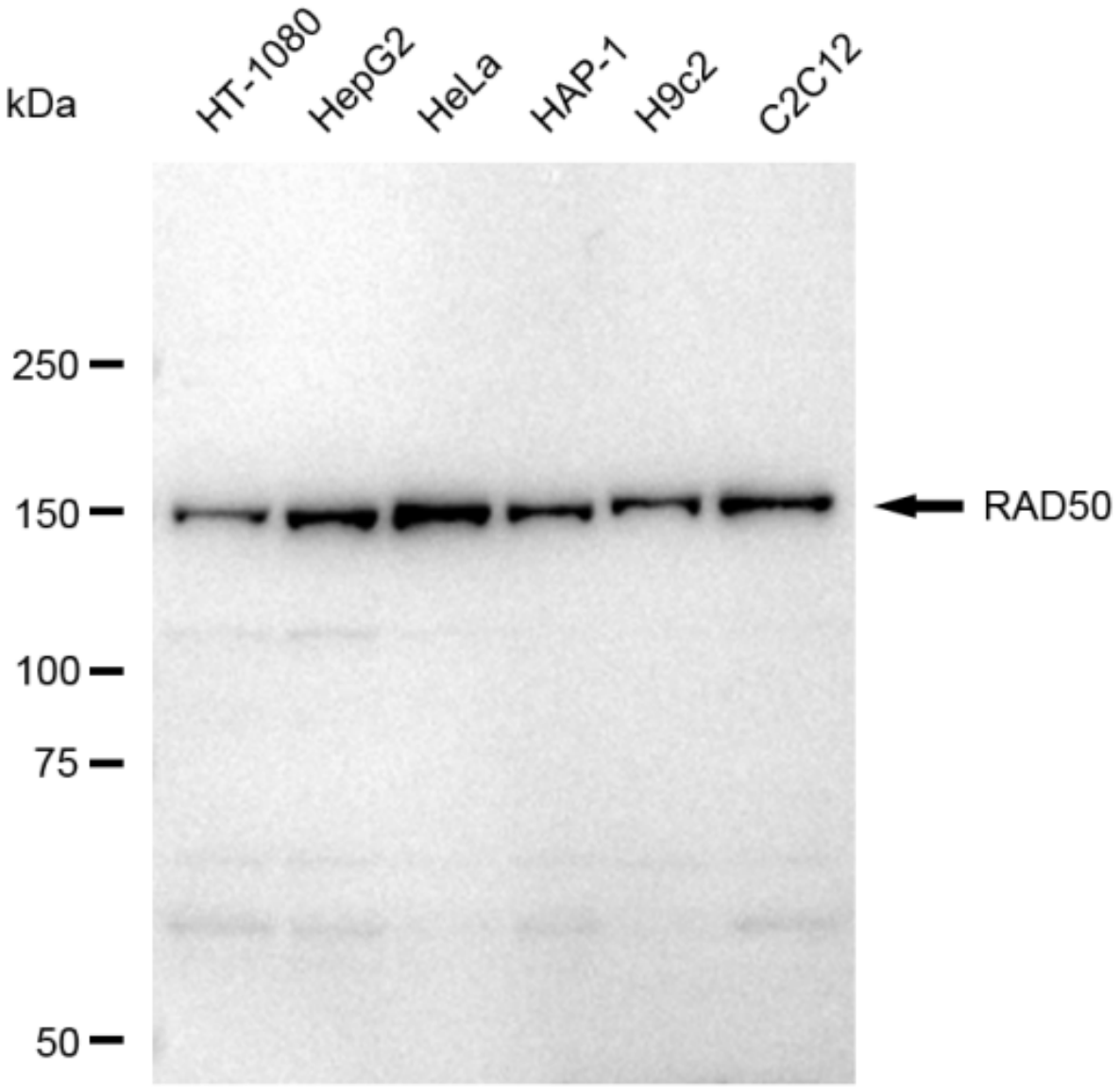
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



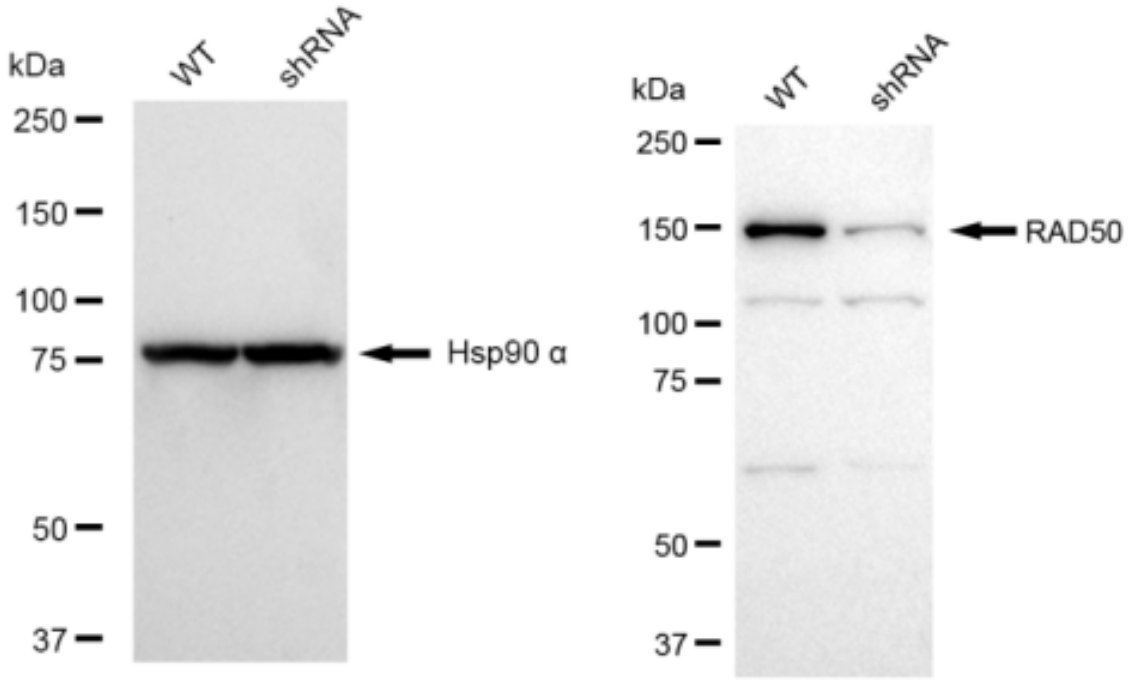
Flow cytometric analysis of RAD50 expression in HeLa cells using RAD50 antibody 1:2,000. Green, isotype control; red, RAD50.



Immunocytochemical staining of HeLa cells with RAD50 antibody 1:1,000. Nuclei were stained blue with DAPI; RAD50 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.



Western blotting analysis using anti-RAD50 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



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