9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-RAD21 Cohesin Complex Component Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1678

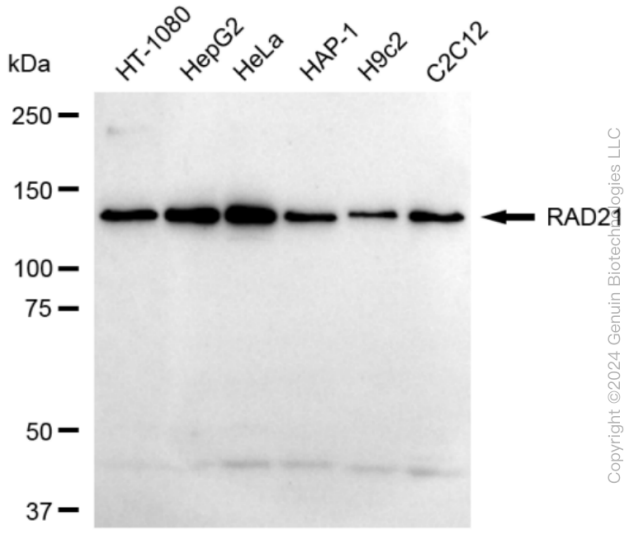
Product Overview

Name	KD-Validated Anti-RAD21 Cohesin Complex Component Rabbit Monoclonal Antibody
Accession(Primary)	O60216
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human RAD21
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 72 kDa , observed, 130 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM):1:2,000

Target information (O60216)

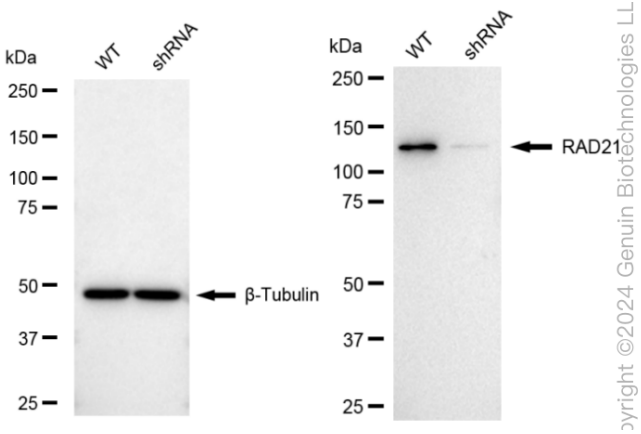
Gene Name	RAD21
About Gene Symbol	RAD21 (RAD21 Cohesin Complex Component) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989



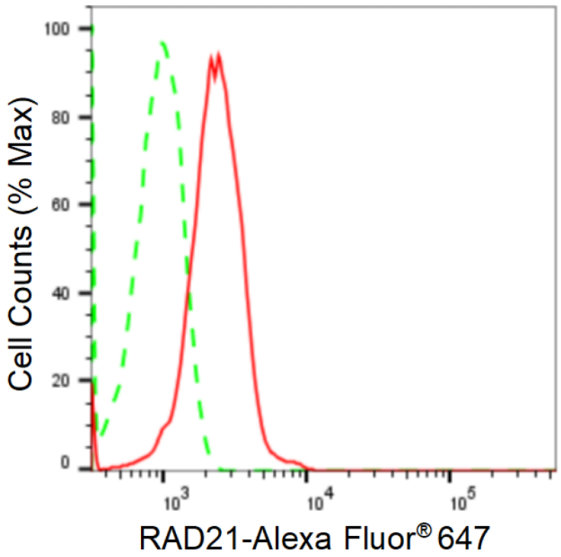
Western blotting analysis using anti-RAD21 antibody (Cat#ABG1678). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RAD21 antibody (Cat#ABG1678, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Copyright ©2024 Genuin Biotechnologies LLC



Western blotting analysis using anti-RAD21 antibody (Cat#ABG1678). RAD21 expression in wild type (WT) and RAD21 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-RAD21 antibody (Cat#ABG1678, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

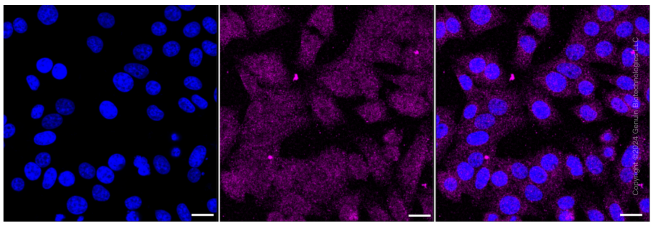
Copyright ©2024 Genuin Biotechnologies LLC



Flow cytometric analysis of RAD21 expression in HepG2 cells using anti-RAD21 antibody (Cat#ABG1678, 1:2,000). Green, isotype control; red, RAD21.

Copyright ©2024 Genuin Biotechnologies LLC

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989



Immunocytochemical staining of HepG2 cells with anti-RAD21 antibody (Cat#ABG1678, 1:1,000). Nuclei were stained blue with DAPI; RAD21 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.