

KD-Validated Anti-XRCC3 Mouse Monoclonal Antibody

Mouse monoclonal antibody

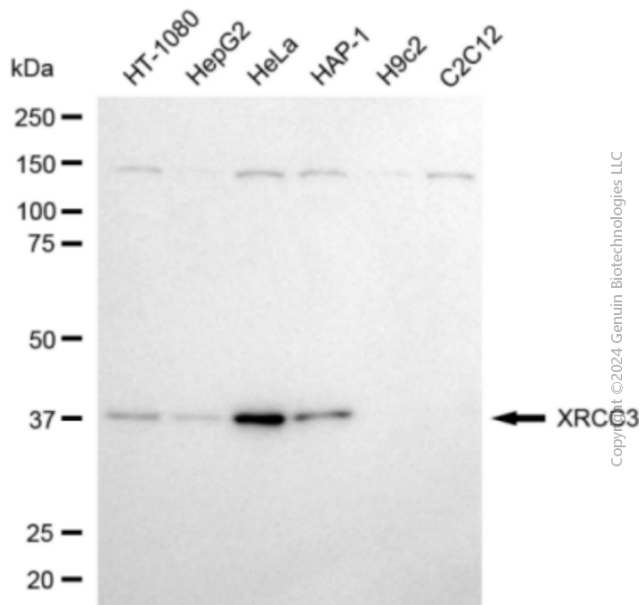
ABG2088

Product Overview

Name	KD-Validated Anti-XRCC3 Mouse Monoclonal Antibody
Accession(Primary)	O43542
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human XRCC3
Species Reactivity	Human
Calculated MW	Predicted, 38 kDa, observed, 38 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500

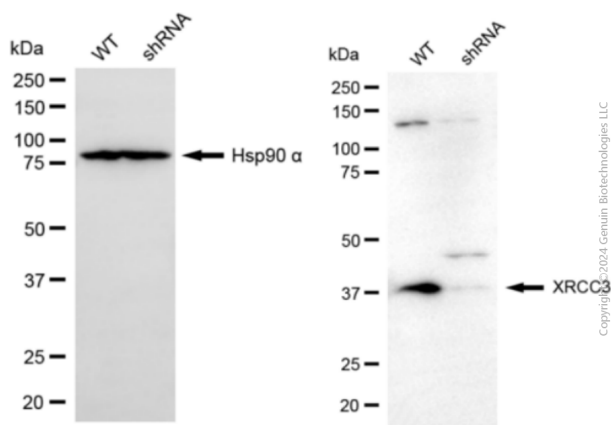
Target information (O43542)

Gene Name	XRCC3
About Gene Symbol	XRCC3 (X-Ray Repair Cross Complementing 3) is an epigenetic and nuclear regulatory protein involved in DNA damage response and repair. It is an important research target in epigenetic regulation, chromatin biology, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



Copyright © 2024 Genuin Biotechnologies LLC

Western blotting analysis using anti-XRCC3 antibody (Cat#ABG2088). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-XRCC3 antibody (Cat#ABG2088, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Copyright © 2024 Genuin Biotechnologies LLC

Western blotting analysis using anti-XRCC3 antibody (Cat#ABG2088). XRCC3 expression in wild-type (WT) and XRCC3 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-XRCC3 antibody (Cat#ABG2088, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.