

KD-Validated Anti-RING1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

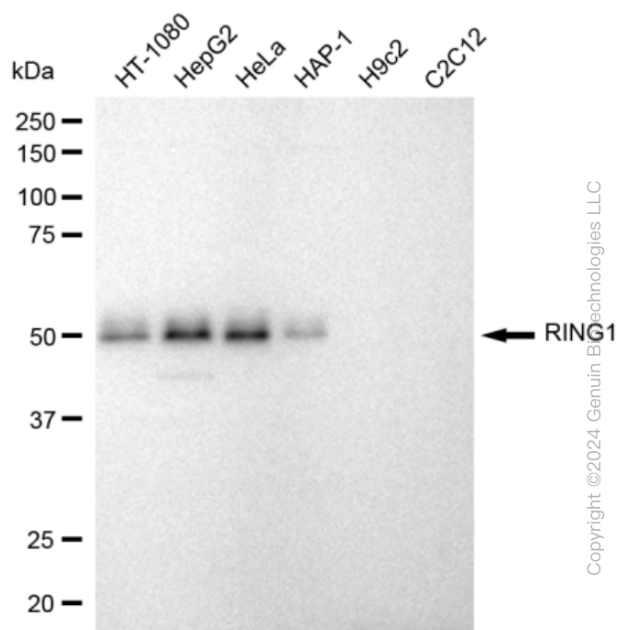
ABG2358

Product Overview

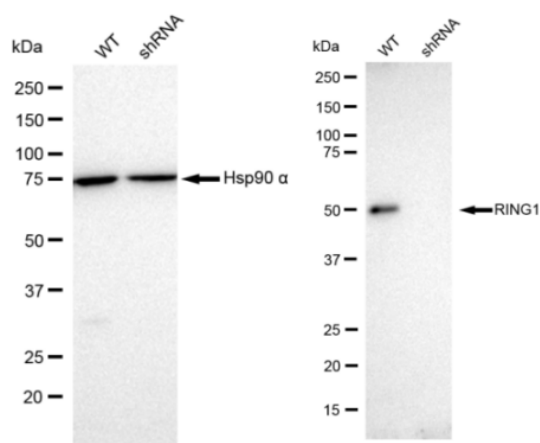
Name	KD-Validated Anti-RING1 Rabbit Monoclonal Antibody
Accession(Primary)	Q06587
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human RING1
Species Reactivity	Human
Calculated MW	Predicted, 42 kDa ; Observed, 50 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000 Flow cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q06587)

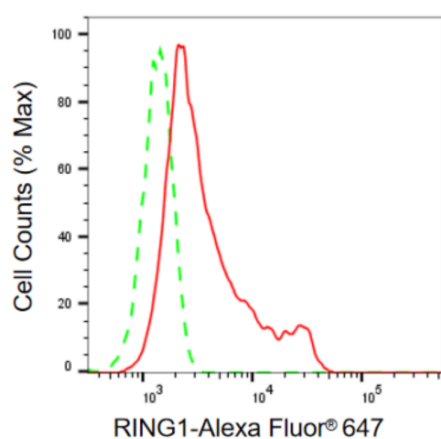
Gene Name	RING1
About Gene Symbol	RING1 (Ring Finger Protein 1) is a ubiquitin E3 ligase involved in ubiquitin-proteasome pathway and innate immune signaling. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



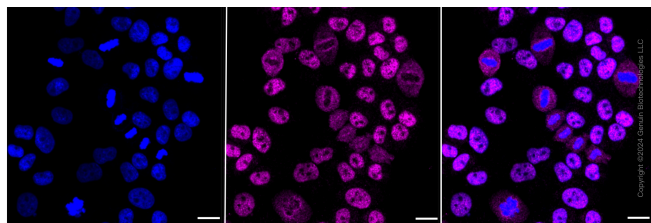
Western blotting analysis using anti-RING1 antibody (Cat#ABG2358). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RING1 antibody (Cat#ABG2358, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-RING1 antibody (Cat#ABG2358). RING1 expression in wild type (WT) and RING1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-RING1 antibody (Cat#ABG2358, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of RING1 expression in HepG2 cells using RING1 antibody (Cat#ABG2358, 1:2,000). Green, isotype control; red, RING1.



Immunocytochemical staining of HepG2 cells with RING1 antibody (Cat#ABG2358, 1:1,000). Nuclei were stained blue with DAPI; RING1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.